

INSTALLATION ASSIGNMENT DURATIONS AND PATTERNS OF ARMY PERSONNEL

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Installation Assignment Durations and Patterns of Army Personnel

1. SUMMARY

1.1 Purpose

The purpose of this document is to report on the development of personnel assignment duration statistical metrics and statistical descriptions for groups of Army personnel aggregated by rank, career management field, and other descriptors for 32 Continental United States (CONUS) Army installations. This information can be used for generating evidence-based measures of personnel exposure times associated with environmental health considerations at the installation and career management field levels.

1.2 Abstract

Assignment duration statistical descriptions were developed to provide temporal metrics for groups of personnel at Army installations as foundational data to support a variety of assessments. Statistical results of personnel assignment durations at the installation level are provided in several formats. The 50th percentile assignment duration represents the median number of days personnel in groups aggregated by rank and career management field spend at the 32 CONUS Army installations in this study. Likewise, other duration percentiles (90th) and quartiles of assignment durations for groups aggregated by rank and career management field spend at each installation were developed. Assignment path analysis provide statistical descriptions of assignment durations at Army installations throughout increments of time (e.g., 5 years, 10 years). Key groupings of assignment paths were achieved by analyzing the duration of assignments at installations in chronological order from entry throughout specified increments of military service to generate the most common assignment paths across the 32 CONUS Army installations in this study. The developed assignment duration analytics and duration statistical descriptions provide foundational temporal metrics for groups of personnel at 32 CONUS Army installations to support a variety of assessments including those by human resource planners and environmental health specialists.

2. REFERENCES AND TERMS

Appendix A provides the references cited and the Glossary provides a list of acronyms.

3. AUTHORITY

The U.S. Army Public Health Center (APHC) was asked to provide subject matter expertise and analysis support to the U.S. Army Environmental Command (USAEC) to develop Army personnel assignment duration analytics at 32 CONUS Army installations. Agreements were put in place in July 2018 to structure the support and analyses in Fiscal Years (FY) 2019 and 2020. Specifically, the following support agreements were established between USAEC, APHC, and the Oak Ridge National Laboratory (ORNL) of the Department of Energy (DOE) who collaborates with the USAEC and APHC on environmental health assessment efforts.

- Statement of Work, Army Personnel Time on Installation Data Analytics, FY 2019–2020, (Revision 0, 20 July 2018).
- Memorandum, Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics), subject: Department of Defense - Wide Policy for Using the Department of Energy's Work for Others Program to Access DoE-Owned Research, Development and Production Facilities through Interagency Agreements, 1 May 2013.
- Memorandum, DOE ORNL, subject: Occupational and Environmental Health Assessment of Exposure and Risk for Multiple Hazards (DOE Proposal No. 2459-A038-15), 5 May 2015.
- Memorandum, DOE ORNL, subject: Risk, Toxicology, and Regulatory Assistance to the Army Environmental Command (DOE Proposal No. 2134-Z086-16, 19 September 2016.

4. BACKGROUND

The Army Personnel Installation Assignment Duration Data Analytics project is a collaborative effort between the USAEC, APHC, and ORNL. The primary purpose of the project is to derive “time-on-installation” (assignment duration) metrics and associated statistical information for both active component officer and enlisted personnel located on 32 CONUS Army installations. As part of the effort to improve Soldier health and readiness, analyses of Army personnel “time-on-installation” data including development of associated analytical methods and descriptive duration metrics are needed. Army personnel assignment data analytics and developed duration metrics provide temporal information for human resource planners and environmental health specialists for health and wellness strategies to improve the health of the Army community.

“Time-on-installation” data and analytics are also integral to enhancing efforts by environmental health scientists during development of Environmental Health Indicators (EHIs) for military installations. As environmental health scientists monitor air quality, water quality, the disposal of waste, and the prevalence of disease-carrying insects, temporal metrics of military personnel at a given installation are needed for a comprehensive assessment. “Time-on-installation” data and analytics provide foundational data that are key to improving strategies for monitoring environmental conditions and managing environmental risk as it relates to acute or chronic health impacts from interactions in a unique environment.

5. STUDY APPROACH AND OBJECTIVES

The analysis approach focused on two overall study objectives:

- Installation Level Analysis: The installation level analysis primary objective was to design and implement an analytical approach to query military personnel data and develop statistical descriptions of assignment durations at 32 CONUS Army installations for groups of personnel. Key groupings were achieved by combining individual personnel data according to Army rank, military occupational specialty (MOS), career management field (CMF) and or Personnel Management Division (PMD). Statistical analysis of assignment durations for a specified rank provides the average number of days personnel with that rank are stationed at a given installation.

Likewise, assignment duration statistical descriptions for a selected CMF provides the average number of days personnel with that CMF are stationed at a given installation.

- **Assignment Path Analysis:** The assignment path analysis focused on development of statistical descriptions of assignment durations at 32 CONUS Army installations throughout increments of time (e.g., 5 years, 10 years) that may constitute an assignment path for a period of military service. Key groupings of assignment paths were achieved by analyzing the duration of assignments in chronological order from entry throughout a period of military service. A combinatorial analyses approach looked at assignment durations over time to generate groups of paths based on frequency of assignments at installations to determine a hierarchy of chronologically explicit assignments over a 5- or 10-year period of military service (termed an assignment path). The resulting assignment paths and associated statistical descriptions provide temporal metrics at installations for periods of military service. The incremental assignment duration at a given installation over a period of time is the key metric for this analysis. The analysis is independent of progression in rank or changes in career management field over the period of military service.

6. METHODOLOGY

To achieve the study objectives, the project team designed a methodology for identifying and assimilating personnel assignment duration information and associated metadata at 32 CONUS Army installations, developing and implementing statistical analytical approaches, and generating results for the installation level and assignment path analyses as described below.

6.1 Army Personnel Data and Information

A key resource of relevant information and data to develop statistical descriptions of assignment durations for groups of military active component personnel at installations is maintained by the U.S. Army Analytics Group (AAG), Research Facilitation Laboratory in the secure cloud-based platform called the Personnel Data Event Environment (PDE). The PDE is a consolidated data repository that contains training, financial, health, and medical records covering U.S. military personnel (Active Duty, Reserve, and National Guard), civilians, contractors, and military dependents. These data assets provide a timeline capturing each Soldier's military experience from entry to separation from the armed forces.

Operationally, the PDE is a secure collaborative data environment that brings projects and analysts to the data. Standardized data elements among disparate person-event databases from both the Department of the Army and the Department of Defense (DOD) exist in an intelligence platform for conducting analyses and studies including statistical analysis. Within the PDE system exists an extensive governance structure for review and approval of projects, access to data, analysis plans, and review of results. Following established protocols for new projects, this project (Personnel Time on Installation Project (PTIP)) was approved by AAG in March 2019 with access to PDE. Further details on PTIP-specific datasets and analytics performed within PDE for this project are described in the following sections.

NOTE – All data analytics were conducted within the secure PDE enclave pursuant to the conditions set forth in the PTIP agreement between AAG and APHC. AAG reviewed all derivative data, statistical outputs, and summarized results prior to approval for export from the PDE. PTIP results approved by AAG for export from PDE are retained by APHC for determination of distribution by APHC.

6.2 Analytic Workflow within PDE

The PTIP analytic workflow consists of reviewing and selecting relevant databases within PDE, selecting key variables to support analyses, scripting queries to generate PTIP-specific datasets, performing statistical analyses of PTIP datasets, and generating results for review and export from PDE by AAG. Figure 1 shows an overview of the PTIP analytic workflow.

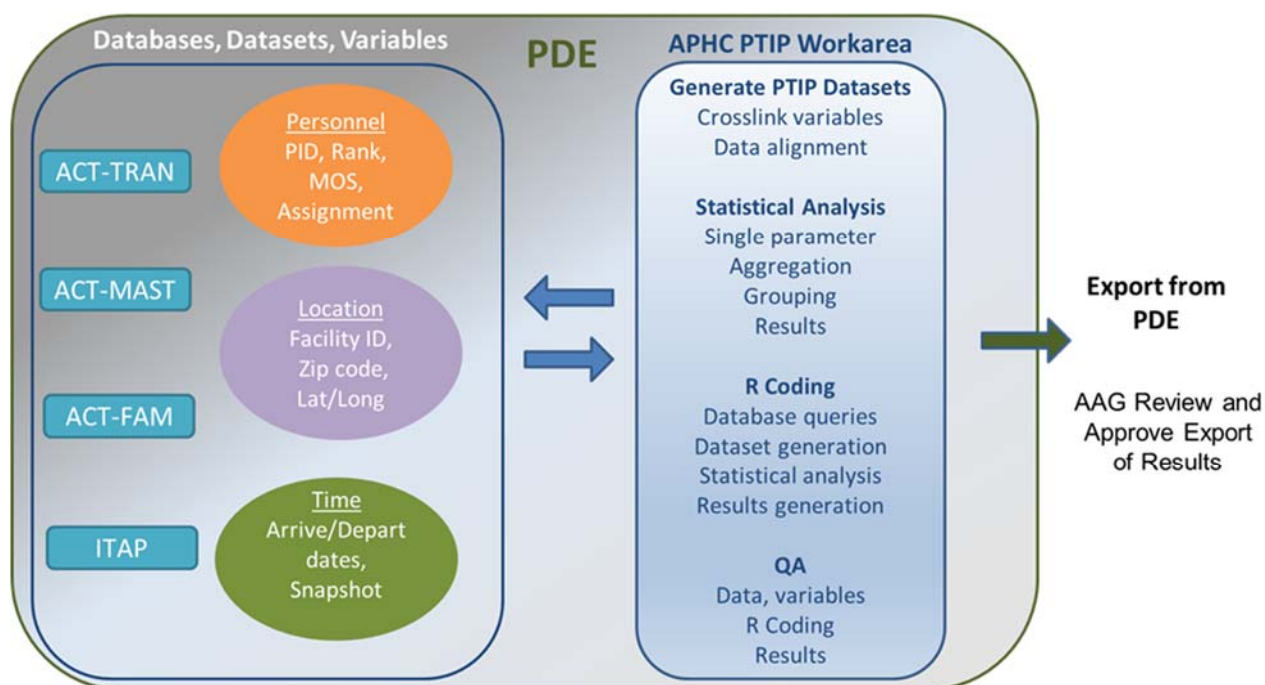


Figure 1. PTIP Analytic Workflow within PDE

To perform the installation level and assignment path analysis, databases in PDE were reviewed and the primary databases and key variables were identified to provide data on durations of personnel assignments at 32 CONUS Army installations. The primary PDE databases for PTIP analyses were:

- Active Duty Military Personnel Transaction (ACT-TRAN),
- Active Duty Military Personnel Master (ACT-MAST),
- Active Duty Family (ACT-FAM), and
- Integrated Total Army Personnel (ITAP).

Table 1 contains descriptions of these four databases. Data queries were scripted using the R Statistical Computing Environment within PDE to assimilate PTIP-specific datasets from information in the ACT-TRAN, ACT-MAST, ACT-FAM, and ITAP databases (see Figure 1). Key variables such as installation name and location, personnel assignment start and end dates, rank, and career management field (CMF) and military occupation specialty (MOS) designations were selected from these four databases to provide data for PTIP analyses. To ensure that each Soldier's identity is kept confidential, AAG analysts mask social security numbers and other personal identifiable information while creating a new personal identification number. This new identification number provided data linkage across various databases maintained in the PDE and allowed PTIP analysts to access and generate PTIP datasets within PDE. The PTIP-specific datasets provide relevant information to support the installation level and assignment path analyses.

Table 1. Descriptions of PDE Databases for PTIP Analyses

Database	Description
ACT-TRAN	Presents the 30 most commonly used columns of the Active Duty Personnel Transaction File. Each record in the file is a transaction record of an Active Duty Soldier's entrance, separation, or reenlistment in the Army within a specific time frame. It also contains data element change transactions such as name, pay grade and unit changes. By defaults requests for this item will only contain Army Active Duty personnel.
ACT-MAST	Provides an inventory of all individuals on active duty (excluding reservists on active duty) for the Army at a point in time.
ACT-FAM	This is an encoded version of the Reserve Duty Family File, where SSNs are masked with 12-character PDE Identifiers. The entity provides family and dependent data for Reserve Duty service members. The entity is constructed from a combination of the RCCPDS and relevant dependent data from the DEERS.
ITAP	A consolidated human resource database providing the Army and DOD with a single repository for personnel information for all components of the Army. The database includes demographic, career progression, awards, and limited favorable/unfavorable actions. This table records demographic data of service members over their careers.

Legend:

ACT-TRAN = Active Duty Military Personnel Transaction

ACT-MAST = Active Duty Military Personnel Master

ACT-FAM = Active Duty Family

ITAP = Integrated Total Army Personnel

PDE = Personnel Data Event Environment

SSNs = social security numbers

RCCPDS = Reserve Components Common Personnel Data System

DEERS = Defense Enrollment Eligibility Reporting System

DOD = Department of Defense

6.3 Installations and Study Period for Analysis

The installations for the PTIP analysis focused on the 32 CONUS Army installations and joint bases (JB) in the U.S. with an estimated minimum average annual population of 1,000 Army active component Soldiers (Table 2). These 32 CONUS Army installations and JB were also the primary state-side installations in the 2017 *Health of the Force* reporting which provides an evidence-based portrait of the health and well-being of the active component population on an annual basis (APHC 2020). *Health of the Force* reports reflect medical, wellness, and environmental data and assimilation of health metrics overall and by installation to assist leaders in health promotion and readiness programs. The PTIP analysis and metrics provide foundational information available to support Army efforts such as the *Health of Force*.

Based on discussions and guidance from AAG regarding PTIP-relevant duty assignment information and data, the PTIP focused on a study period of 2000–2018. This 18-year period provides a representative snapshot of active component assignments at Army 32 CONUS installations and JB for this study. Further, personnel assignment and duty location information were reviewed and assimilated for the study period to ensure assignment records were complete with regard to installations and duty assignment durations and that assignment durations were in chronological order. Approximately 1.1 million records from 2000–2018 were screened for completeness of PTIP-relevant information, including assignment arrival and departure dates at specified installations, and assignment records assembled in chronological order. The screening also ensured that other assignment- and installation-related variables were valid. After screening, over 840,000 records were assimilated within PDE from the study period of 2000–2018 as the subset of data for the PTIP installation level and assignment path analyses.

Table 2. Army Installations and Joint Bases for PTIP Analyses

Aberdeen Proving Ground Fort Belvoir Fort Benning Fort Bliss Fort Bragg Fort Campbell Fort Carson Fort Drum Fort Gordon Fort Hood Fort Huachuca	Fort Irwin Fort Jackson Fort Knox Fort Leavenworth Fort Lee Fort Leonard Wood Fort Meade Fort Polk Fort Riley Fort Rucker Fort Sill	Fort Stewart Fort Wainwright Presidio of Monterey USAG Hawaii USAG West Point JB Elmendorf-Richardson JB Langley-Eustis JB Lewis-McChord JB Myer-Henderson Hall JB San Antonio
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Legend:

USAG = U.S. Army Garrison

JB = Joint Base

NOTE – The analysis and metrics for the five JBs in this study focused only on the Army component and included the Army missions aligned with each JB.

6.4 Assignment Duration Statistical Methods

Statistical analyses for PTIP were performed on groups or aggregates of data records. Specifically, for a defined group (aggregated by rank, MOS, CMF) and installation of interest, the R project software (The R Foundation, 2013) in PDE was utilized for statistical analyses and graphics. R scripts were written to determine how long individuals within a defined group were at the installation during each assignment. This is termed “assignment duration.” The built-in statistical functions in R were scripted to calculate summary statistics such as the mean number of days that a group spent at the installation, the standard deviation of the number of days that a group spent at the installation and the median number of days that a group spent at the installation. Also, other statistical descriptions such as quartiles or percentiles for assignment durations were calculated. Results were reported only in aggregate in both tabular and graphical form. Strata having 50 or fewer observations were not to be reported.

NOTE – All data analytics were conducted within the secure PDE enclave. AAG reviewed all derivative data, statistical outputs, and summarized results prior to approval of export from the PDE.

7. RESULTS AND DISCUSSION

Results of the analysis are provided for the installation level analysis and the assignment path analysis in tabular and graphical form. It is important to note the objectives of this study are to develop foundation data and temporal metrics of assignment durations at 32 CONUS Army installations and JBs. Comparisons between installations and among the groups of rank or CMF are mentioned briefly and provide the basis for follow-on studies and interpretation.

7.1 Installation Level Analysis

The installation level analysis developed statistical descriptions of assignment durations at installations for groups of personnel. Key groupings were achieved by combining individual personnel data according to Army rank, MOS, CMF and PMD.

7.1.1 Assignment Duration Statistical Descriptions by Army Rank

Statistical descriptions of assignment durations for personnel at each installation were developed based on the duration of assignment as determined by Army rank. Personnel assignment durations for a selected rank were aggregated into groups for statistical analysis. As shown in Table 3, enlisted ranks were aggregated into three groups, officer ranks were aggregated into three groups and warrant officers were aggregated into one group. Assignment duration statistical descriptions for each group (seven rank groups) were developed for the 32 CONUS installations in this study (Table 2).

Table 3. Army Rank Grouping for Assignment Duration Statistical Analysis

Group	Army Rank
Enlisted (E1–E4)	E1 Private (PV1) E2 Private (PV2) E3 Private First Class (PFC) E4 Corporal (CPL) E4 Specialist (SPC)
Enlisted (E5–E6)	E5 Sergeant (SGT) E6 Staff Sergeant (SSG)
Enlisted (E7 and above)	E7 Sergeant First Class (SFC) E8 Master Sergeant (MSG) E8 First Sergeant (1SG) E9 Sergeant Major (SGM) E9 Command Sergeant Major (CSM) Senior Enlisted Advisor, Sergeant Major of the Army (SMA)
Officer (O1–O3)	O1 Second Lieutenant O2 First Lieutenant O3 Captain
Officer (O4–O6)	O4 Major O5 Lieutenant Colonel O6 Colonel
Officer (O7 and above)	O7 Brigadier General O8 Major General O9 Lieutenant General O10 General Special General of the Army
Warrant Officer (W1–W5)	W1 Warrant Officer 1 (WO1) W2 Chief Warrant Officer (CW2) W3 Chief Warrant Officer (CW3) W4 Chief Warrant Officer (CW4) W5 Chief Warrant Officer (CW5)

Results for the installation level duration analysis of Army rank groups are presented in several formats. The first format presents the 50th percentile assignment duration (days) by rank group for the 32 CONUS installations in this study. Figures 2–8 present results for Enlisted (E1–E4), Enlisted (E5–E6), Enlisted (E7 and above), Officer (O1–O3), Officer (O4–O6), Officer (O7 and above), and Warrant Officer (W1–W5) groups, respectively.

As an explanation, Figure 2 shows the median number of days that the Enlisted (E1–E4) group spends at each of the 32 CONUS installations. The Enlisted (E1–E4) group has the shortest median assignment duration at Fort Jackson (~ 90 days) compared to the longest duration at

USAG West Point of ~500 days. Similar explanations apply to the results for the other six rank groups shown in Figures 3–8. Overall, the 50th percentile assignment duration (median number of days) represents foundational data that personnel in the enlisted, officer, and warrant officer groups spend at each installation.

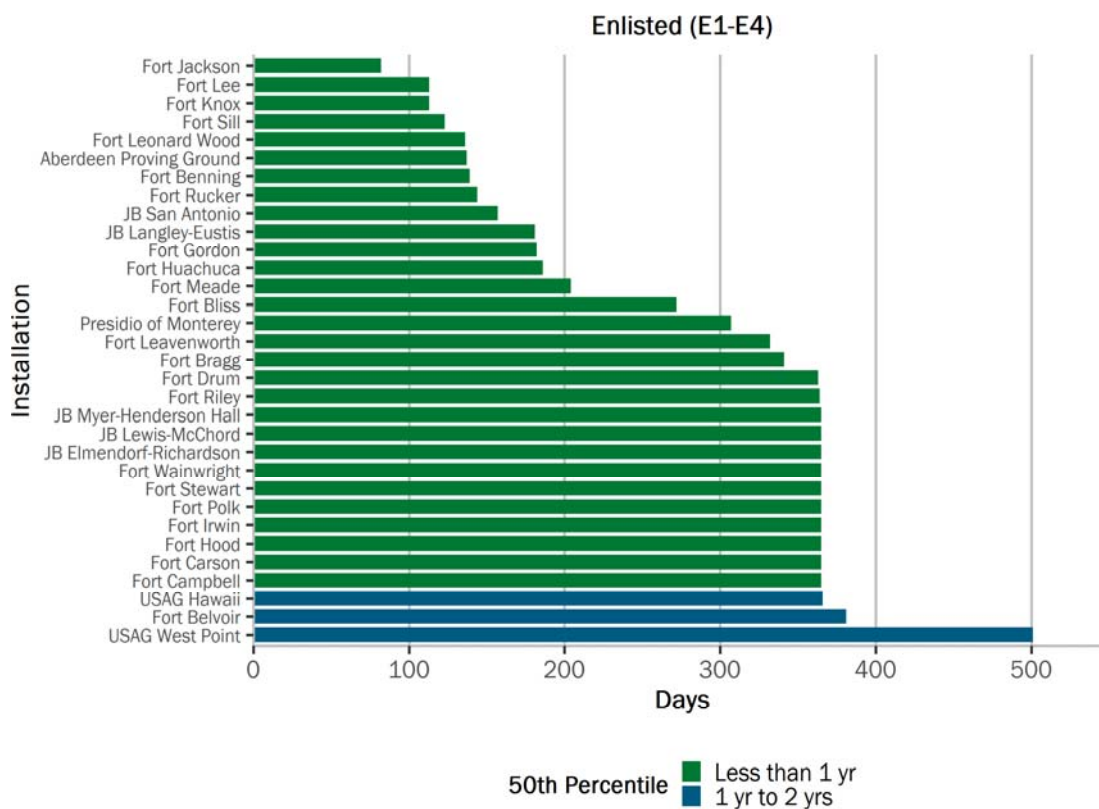


Figure 2. Enlisted (E1–E4) Assignment Durations for 32 CONUS Army Installations

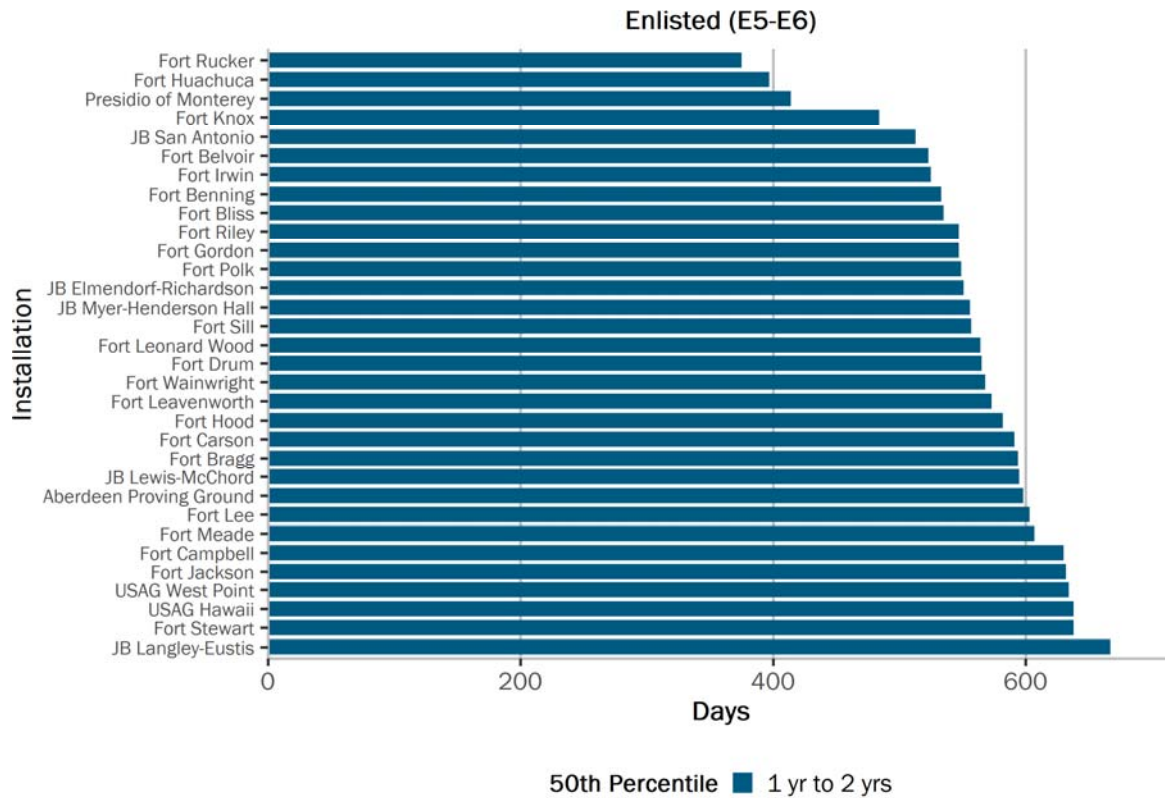


Figure 3. Enlisted (E5–E6) Assignment Durations for 32 CONUS Army Installations

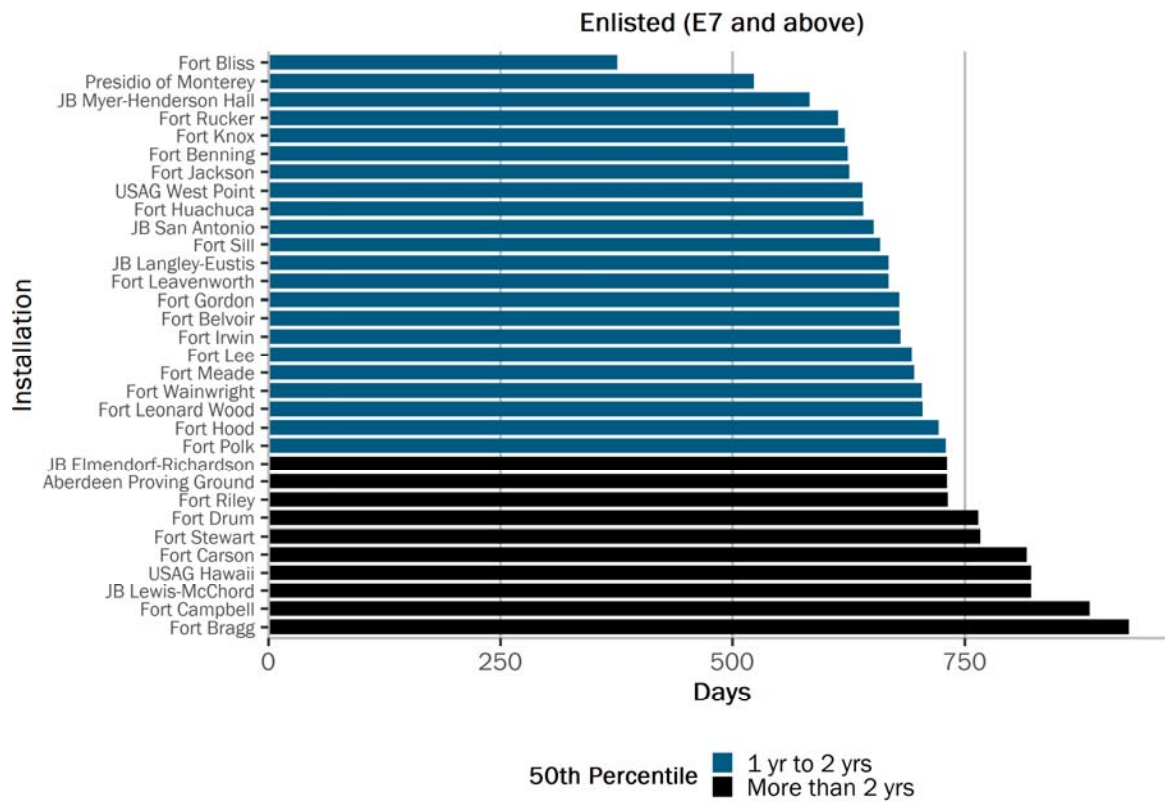


Figure 4. Enlisted (E7 and above) Assignment Durations for 32 CONUS Army Installations

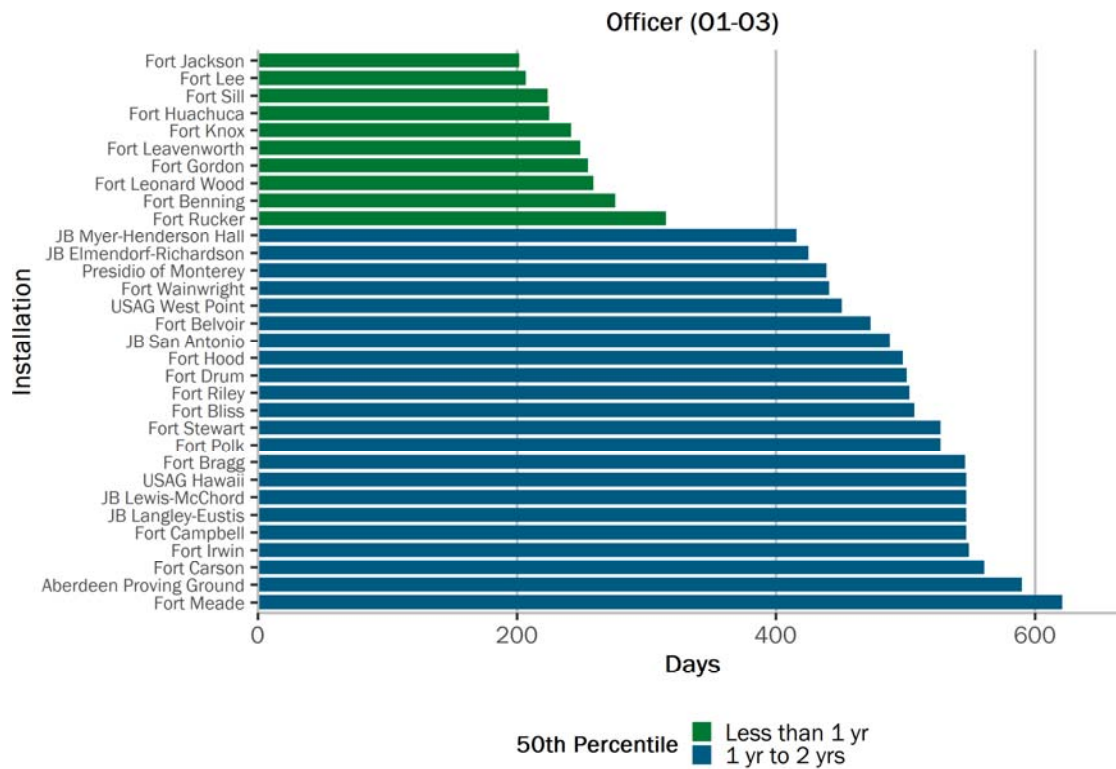


Figure 5. Officer (O1–O3) Assignment Durations for 32 CONUS Army Installations

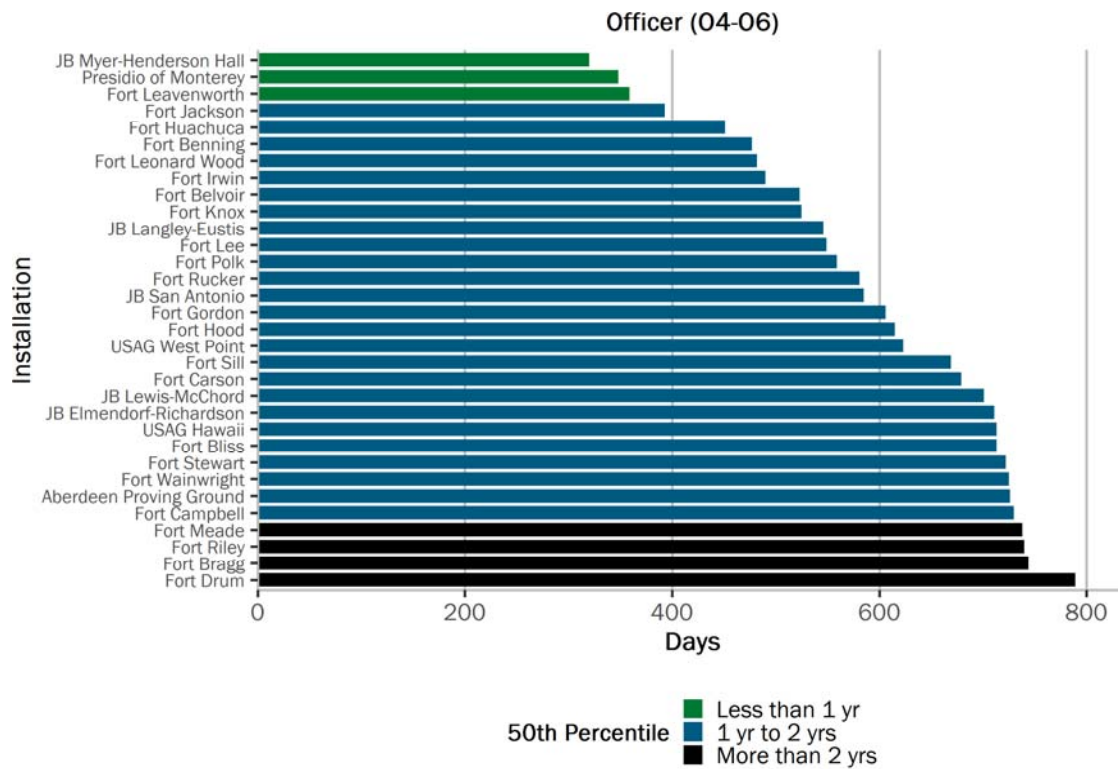


Figure 6. Officer (O4–O6) Assignment Durations for 32 CONUS Army Installations

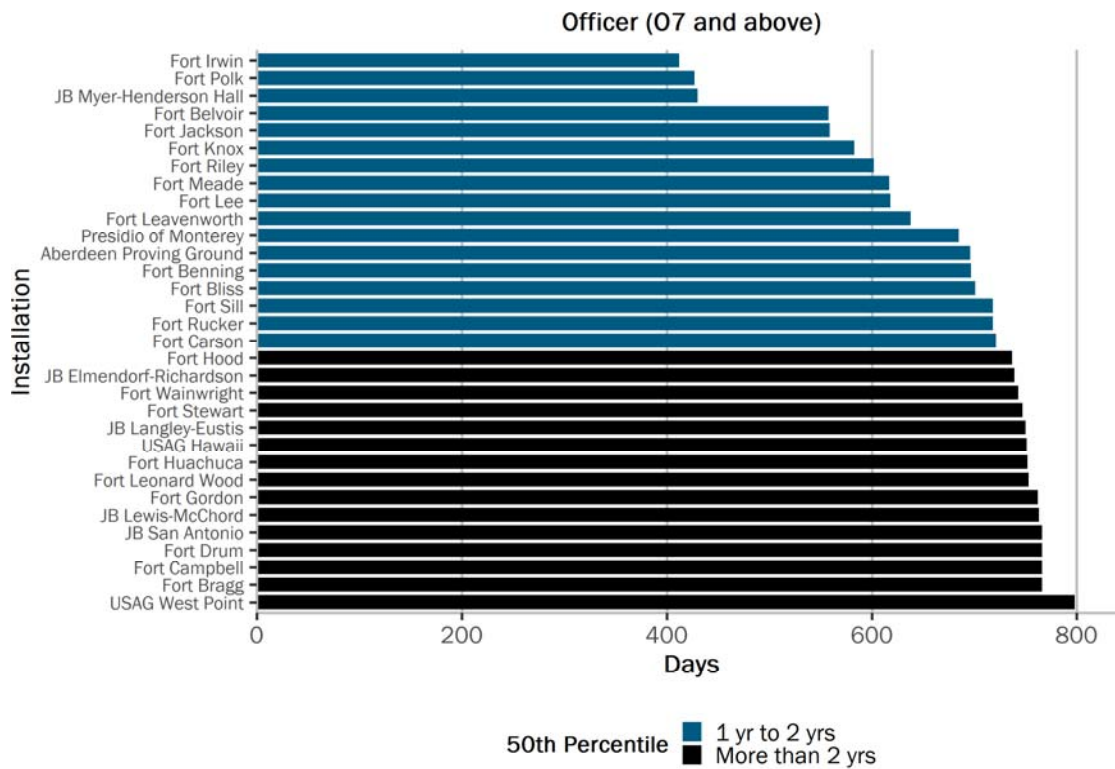


Figure 7. Officer (O7 and above) Assignment Durations for 32 CONUS Army Installations

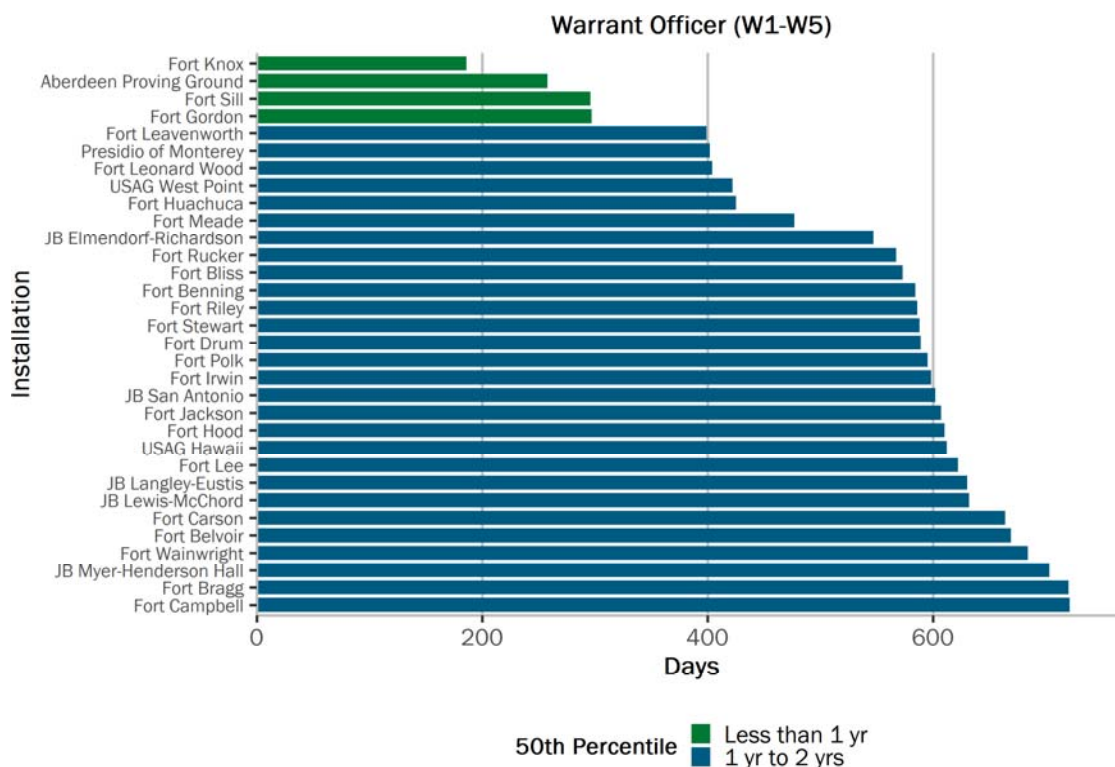


Figure 8. Warrant Officer (W1–W5) Assignment Durations for 32 CONUS Army Installations

The second format of rank analysis results is box and whisker plots presenting the assignment duration quartiles for rank groups at each installation. In these plots, the median number of days is the black horizontal line in the box with vertical lines representing the shortest and longest durations for each installation. The squares on the plots are Enlisted groups: Enlisted (E1–E4), Enlisted (E5–E6), Enlisted (E7 and above); the circles are Officer groups: Officer (O1–O3), Officer (O4–O6), Officer (O7 and above); and the triangle is the Warrant Officers (W1–W5). For ease of presentation, four installations are shown in each figure (Figures 9–16).

For example, Figure 9 shows the assignment duration quartiles for rank groups at Fort Bragg, Fort Campbell, Fort Stewart and JB Lewis-McChord. The Enlisted (E1–E4) group exhibits the shortest median assignment duration (less than 200 days) at these four installations with the Enlisted (E7 and above) group exhibiting the longest assignment durations (greater than 750 days). Similar explanations apply to the plots of duration assignment quartiles at each installation as shown in Figures 10–16. Although these plots provide readers the opportunity to compare and contrast among installations, those types of analyses can be conducted in follow on efforts as the goal of this study is to generate foundational assignment duration statistical descriptions at Army installations.

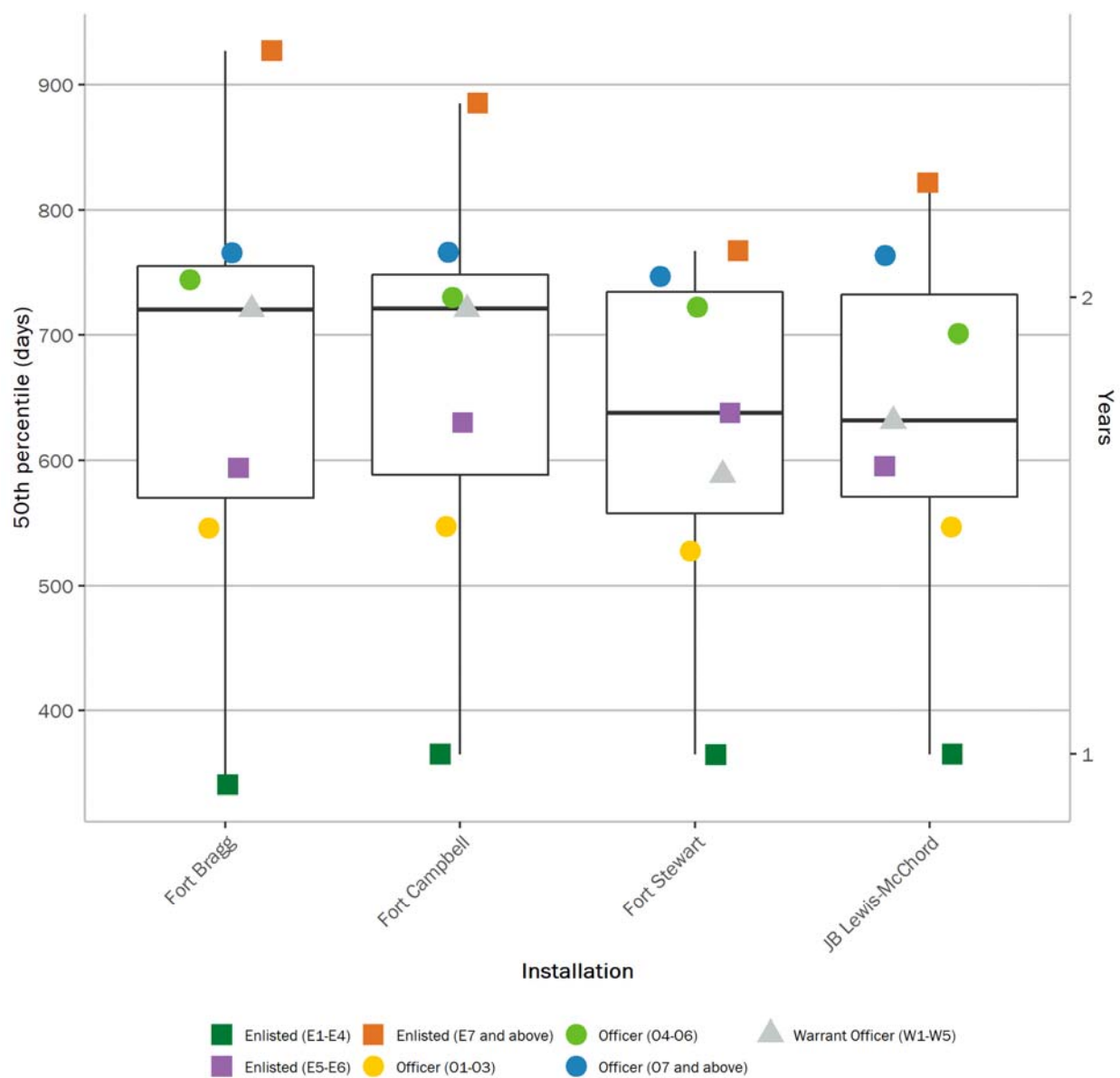


Figure best viewed in color.

Figure 9. Assignment Durations for Rank Groups at Fort Bragg, Fort Campbell, Fort Stewart, and JB Lewis-McChord

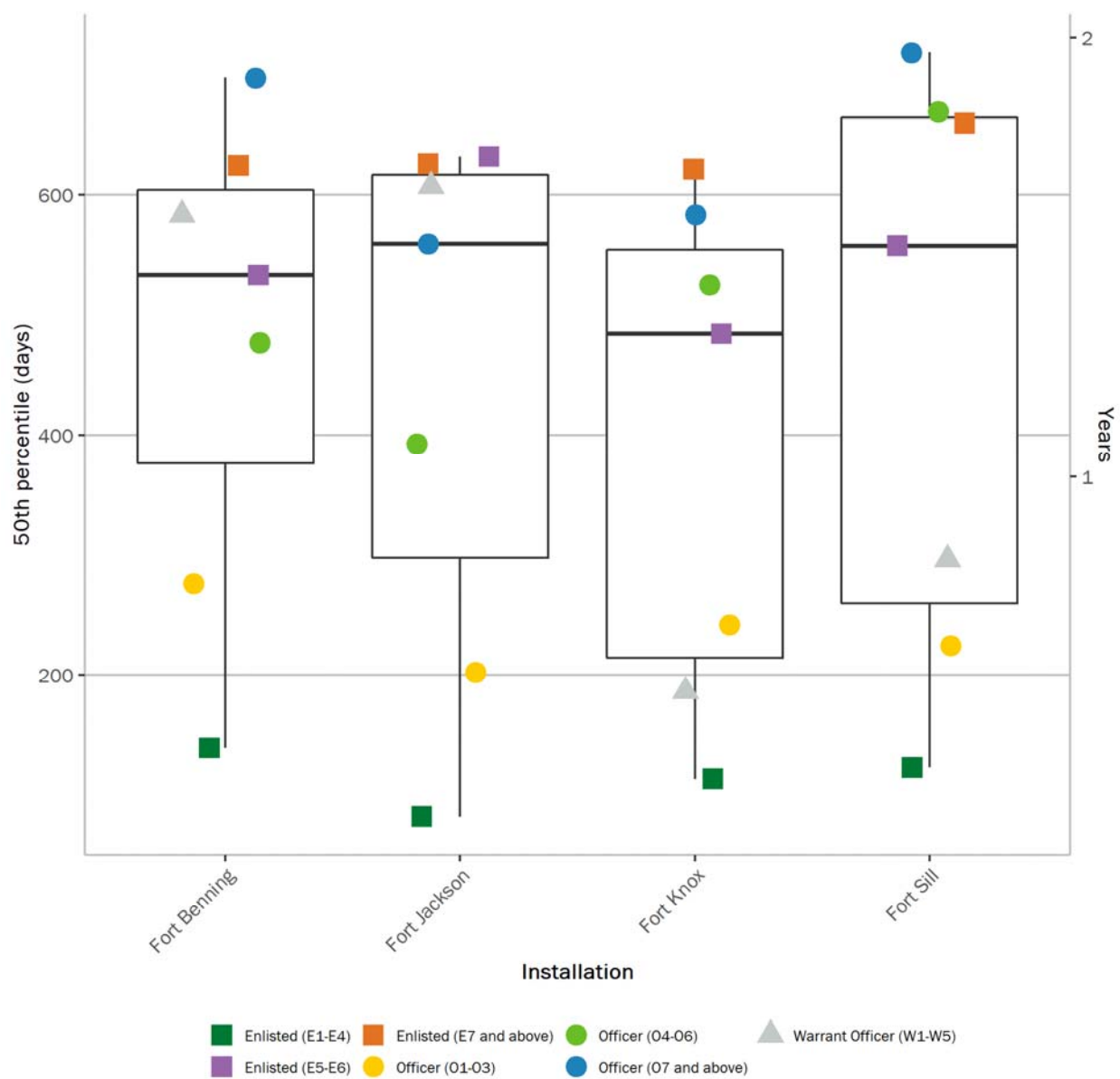


Figure best viewed in color.

Figure 10. Assignment Durations for Rank Groups at Fort Benning, Fort Jackson, Fort Knox, and Fort Sill

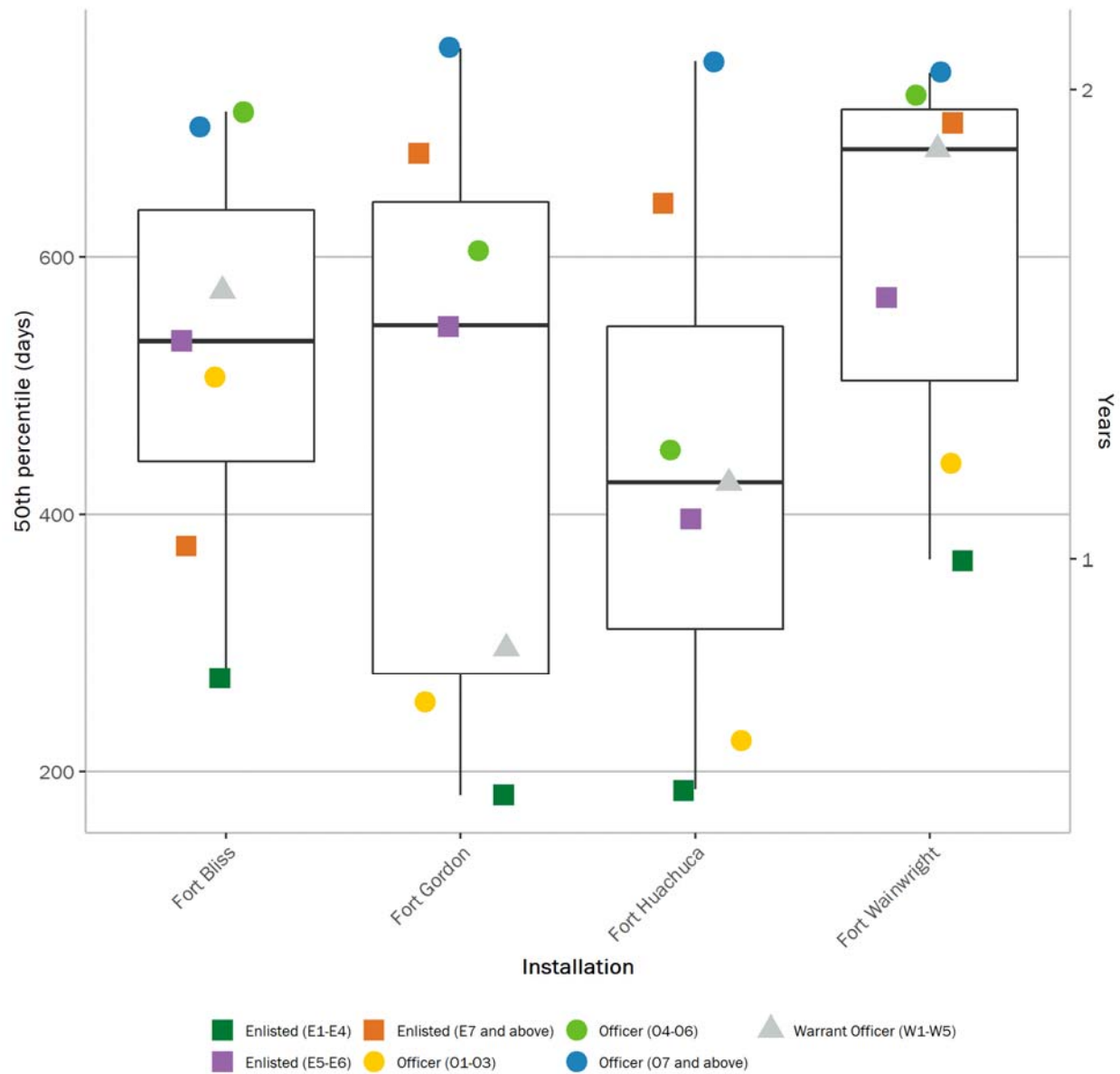


Figure best viewed in color.

Figure 11. Assignment Durations for Rank Groups at Fort Bliss, Fort Gordon, Fort Huachuca, and Fort Wainwright

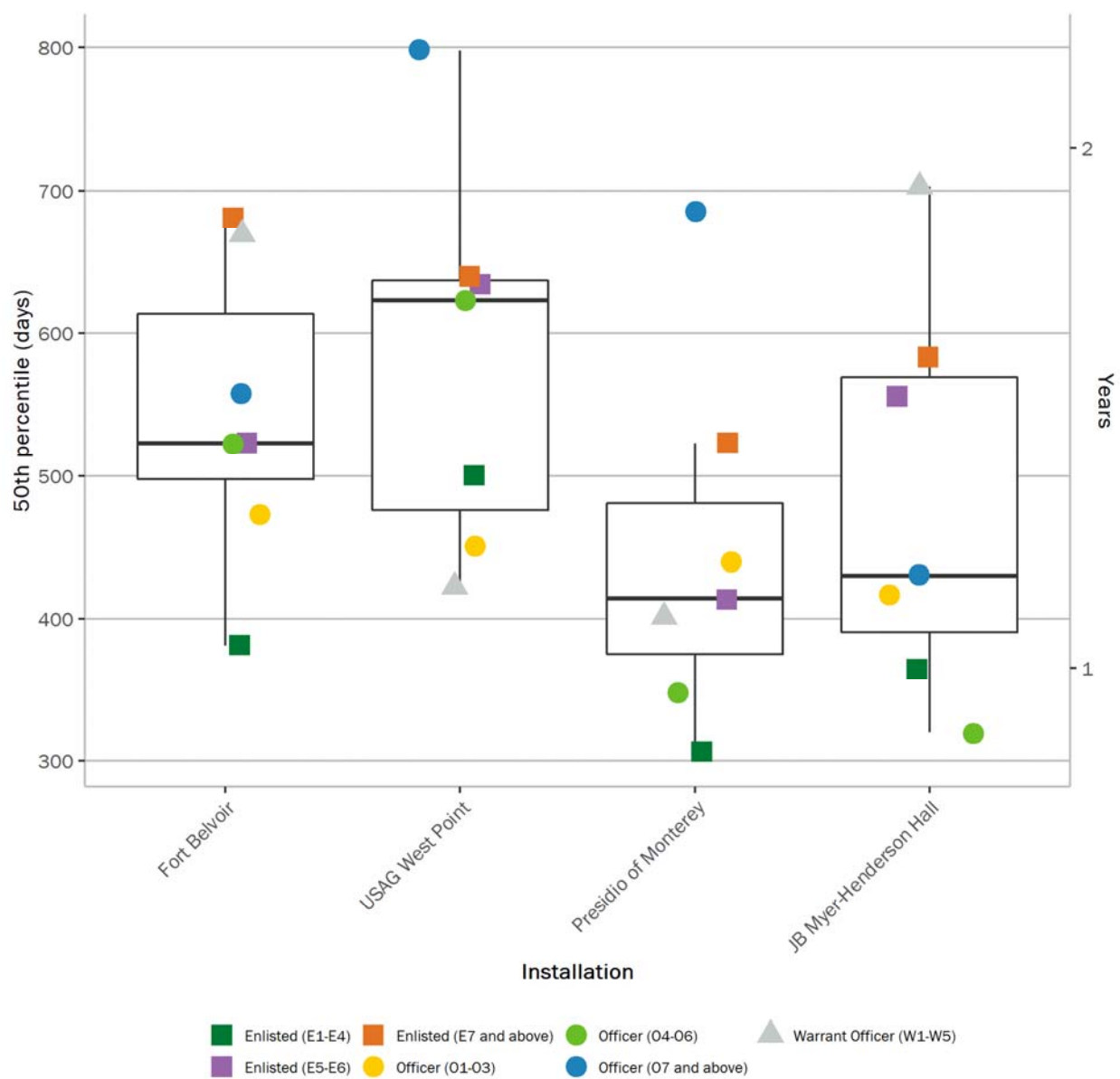


Figure best viewed in color.

Figure 12. Assignment Durations for Rank Groups at Fort Belvoir, USAG West Point, Presidio of Monterey, JB Myers-Henderson Hall

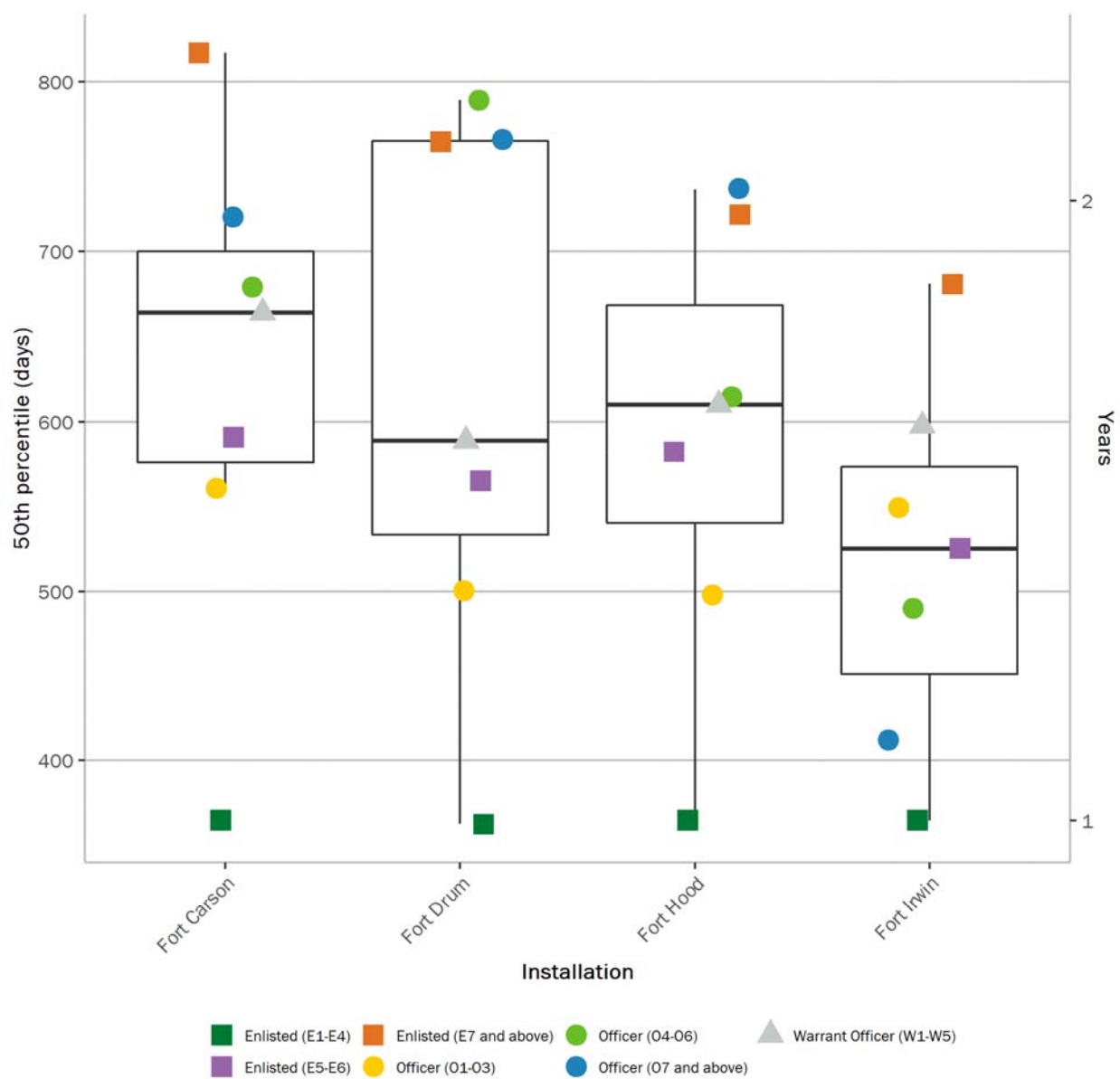


Figure best viewed in color.

Figure 13. Assignment Durations for Rank Groups at Fort Carson, Fort Drum, Fort Hood, and Fort Irwin

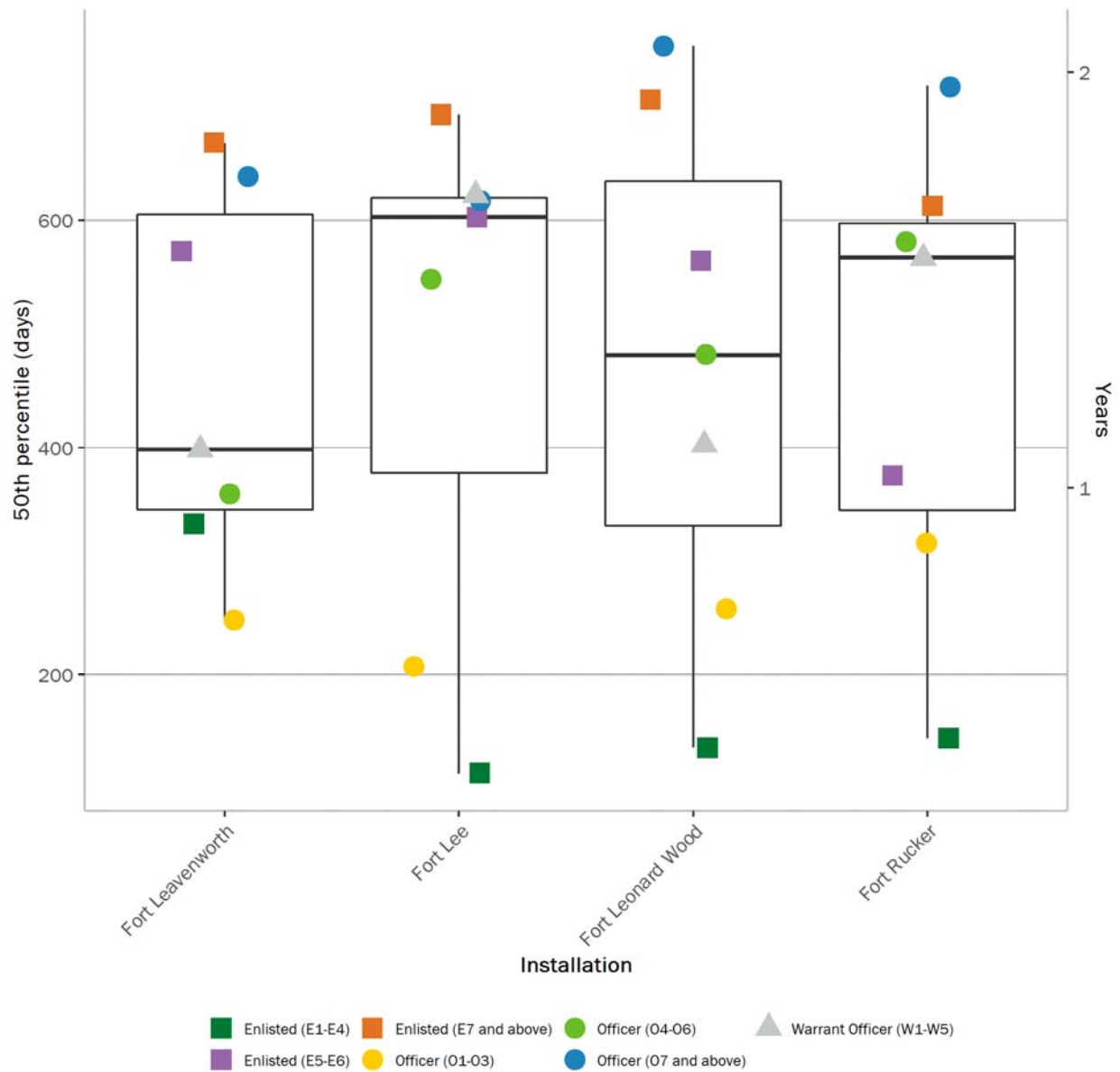


Figure best viewed in color.

Figure 14. Assignment Durations for Rank Groups at Fort Leavenworth, Fort Lee, Fort Leonard Wood, and Fort Rucker

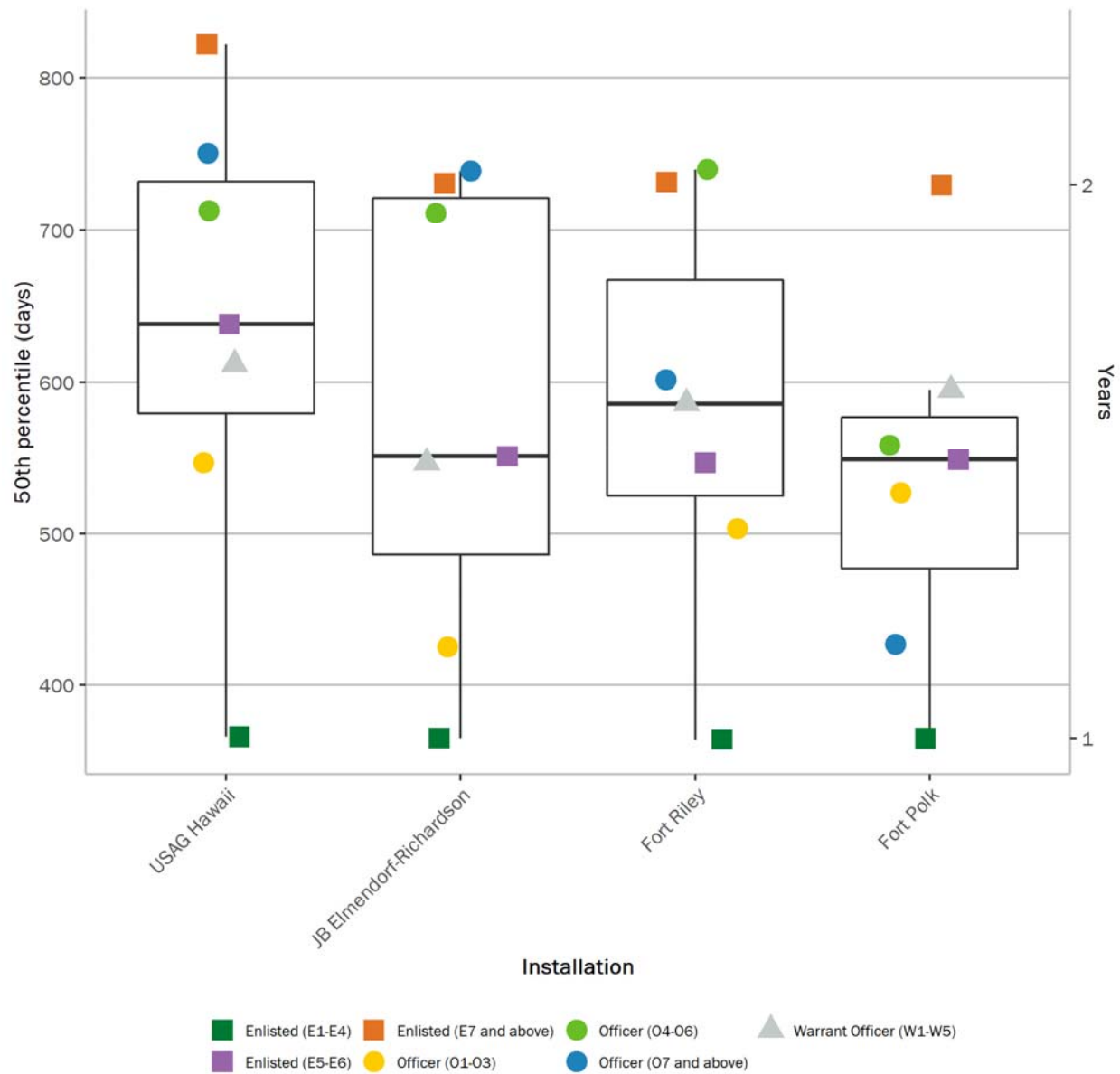


Figure 15. Assignment Durations for Rank Groups at USAG Hawaii, JB Elmendorf-Richardson, Fort Riley, and Fort Polk

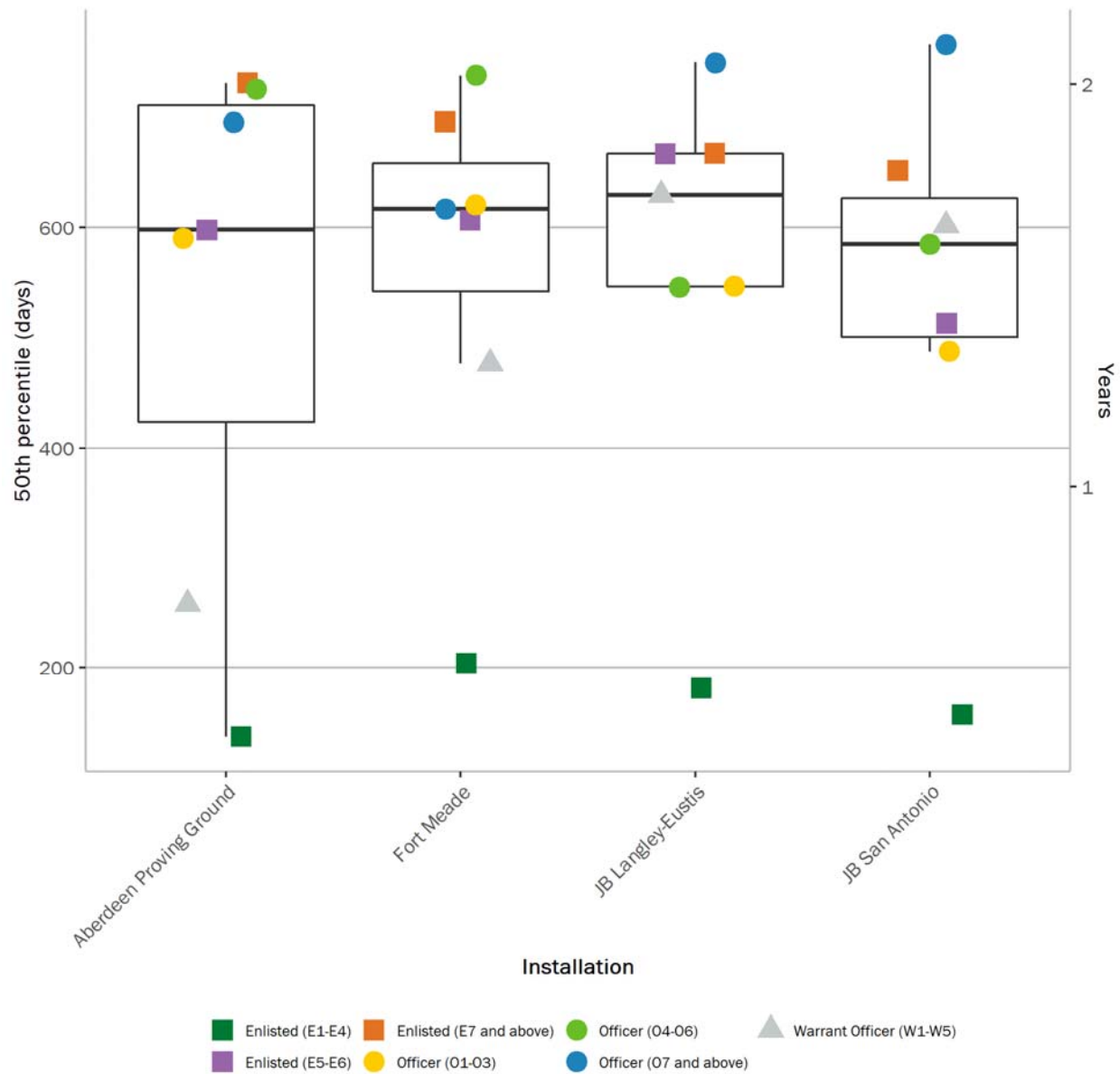


Figure best viewed in color.

Figure 16. Assignment Durations for Rank Groups at Aberdeen Proving Ground, Fort Meade, JB Langley-Eustis, and JB San Antonio

The third format of rank analysis results presents the 50th and 90th percentiles of assignment durations (days) for each rank group at each installation. Results for each of the 32 CONUS Army installations are shown in Figures 17–24.

As an explanation, Figure 17 shows the 50th and 90th percentiles of assignment durations for each rank group at Fort Bragg, Fort Campbell, Fort Stewart, and JB Lewis-McChord. The Enlisted (E1–E4) group spends the shortest time (median number of days) at each of these installations compared to other rank groups. The Enlisted (E7 and above) group spends the longest time (median number of days) at each of these installations compared to other rank groups. The 90th percentile of time spent by rank groups is also provided. Similar explanations apply to rank group assignment durations at other installations as shown in Figures 18–24. Overall, the 50th and 90th percentiles of assignment durations for rank groups at installations represent foundational data of the length of time (days) that the enlisted, officer, or warrant officer group spend at each installation. These percentiles provide temporal metrics for rank groups at Army installations to support a variety of assessments including those by human resource planners and environmental health specialists.

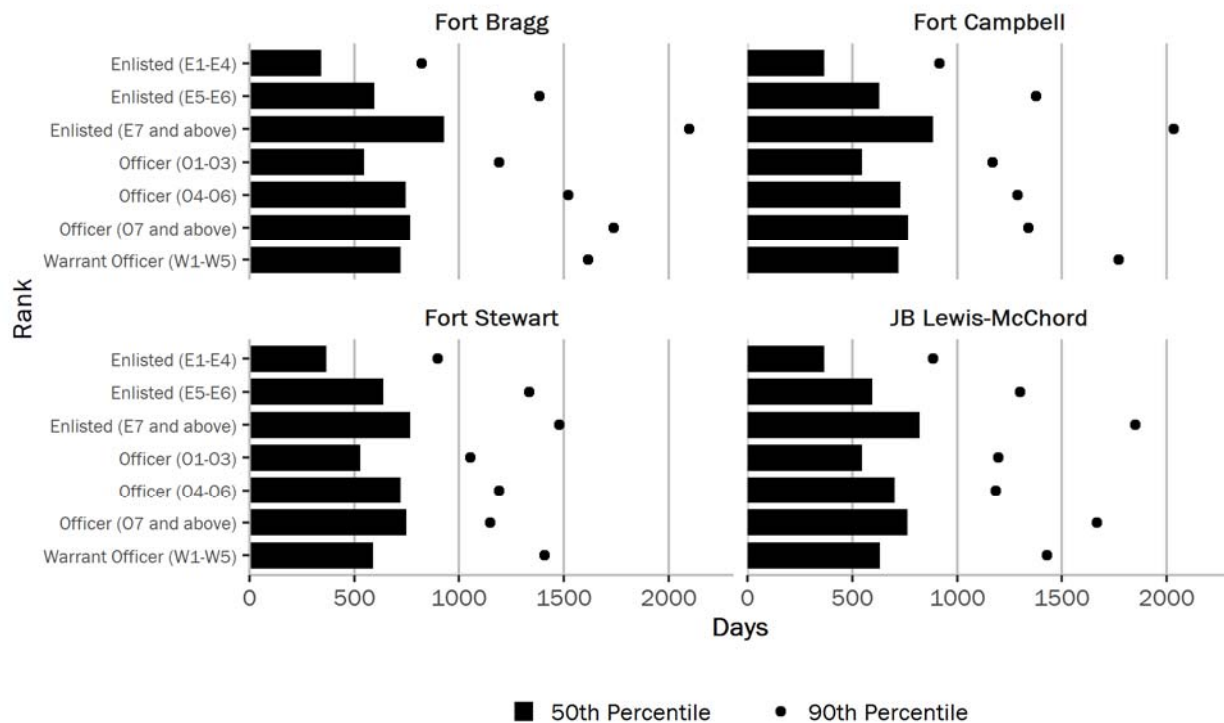


Figure 17. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Bragg, Fort Campbell, Fort Stewart, and JB Lewis-McChord

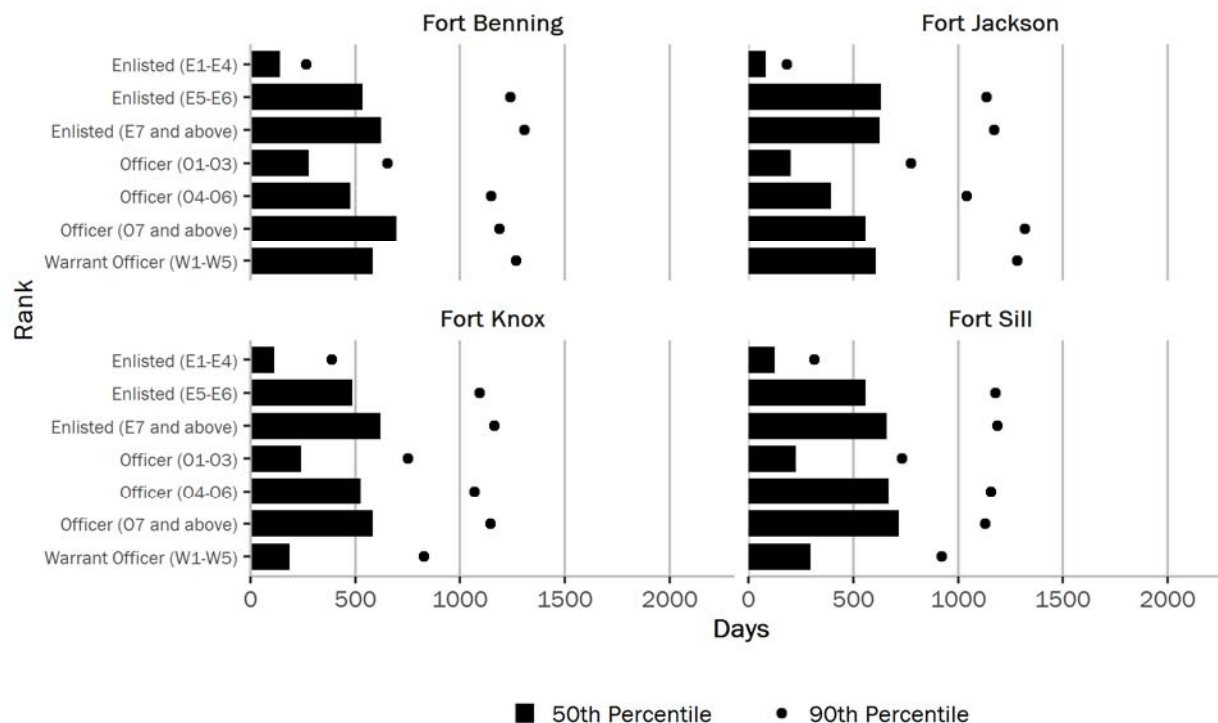


Figure 18. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Benning, Fort Jackson, Fort Knox, and Fort Sill

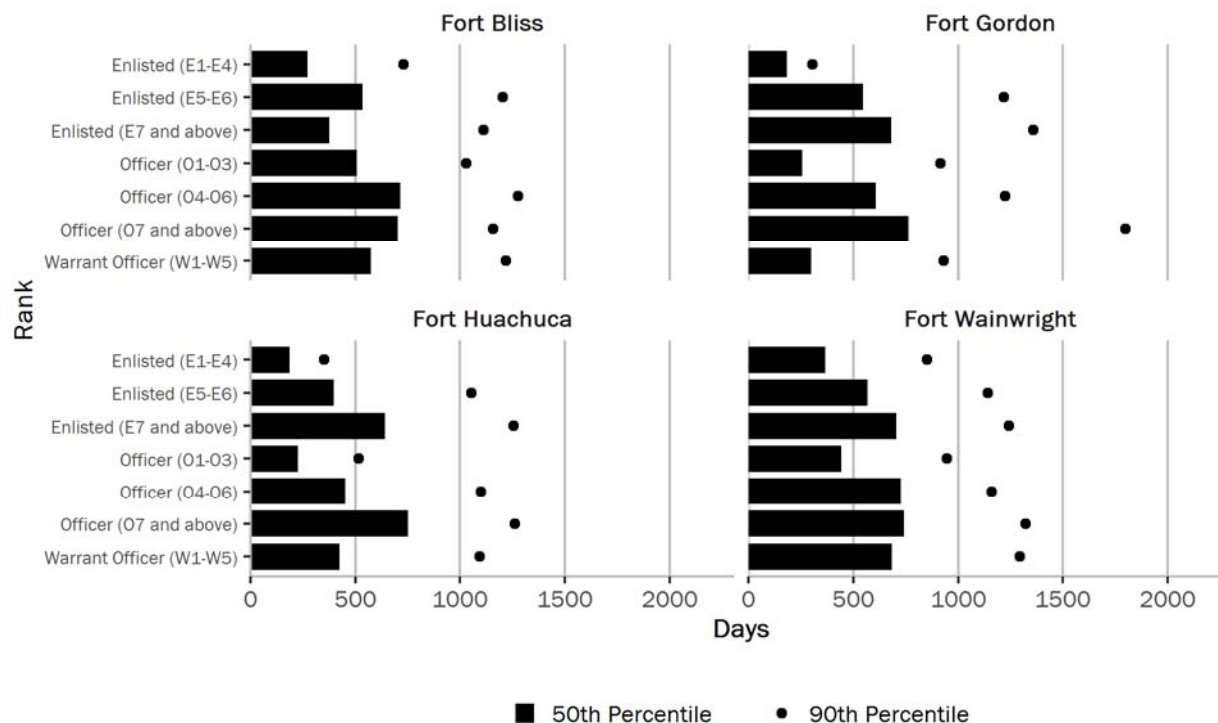


Figure 19. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Bliss, Fort Gordon, Fort Huachuca, and Fort Wainwright

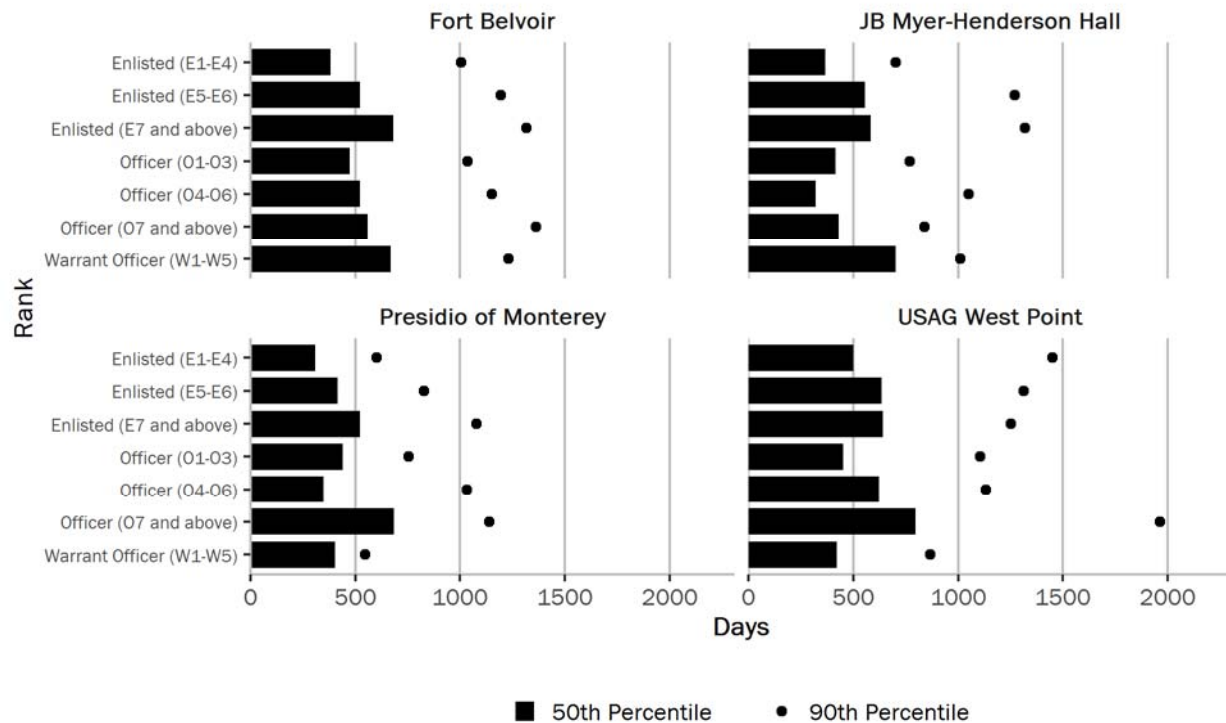


Figure 20. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Belvoir, JB Myers-Henderson Hall, Presidio of Monterey, and USAG West Point

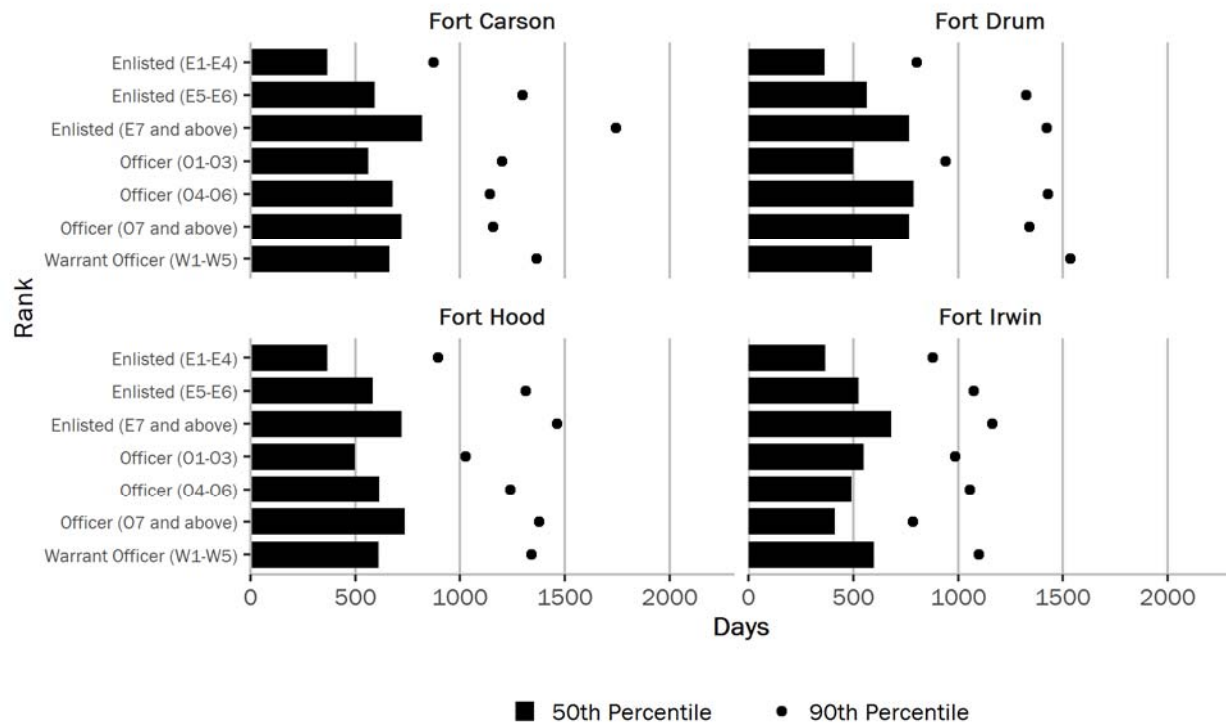


Figure 21. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Carson, Fort Drum, Fort Hood, and Fort Irwin

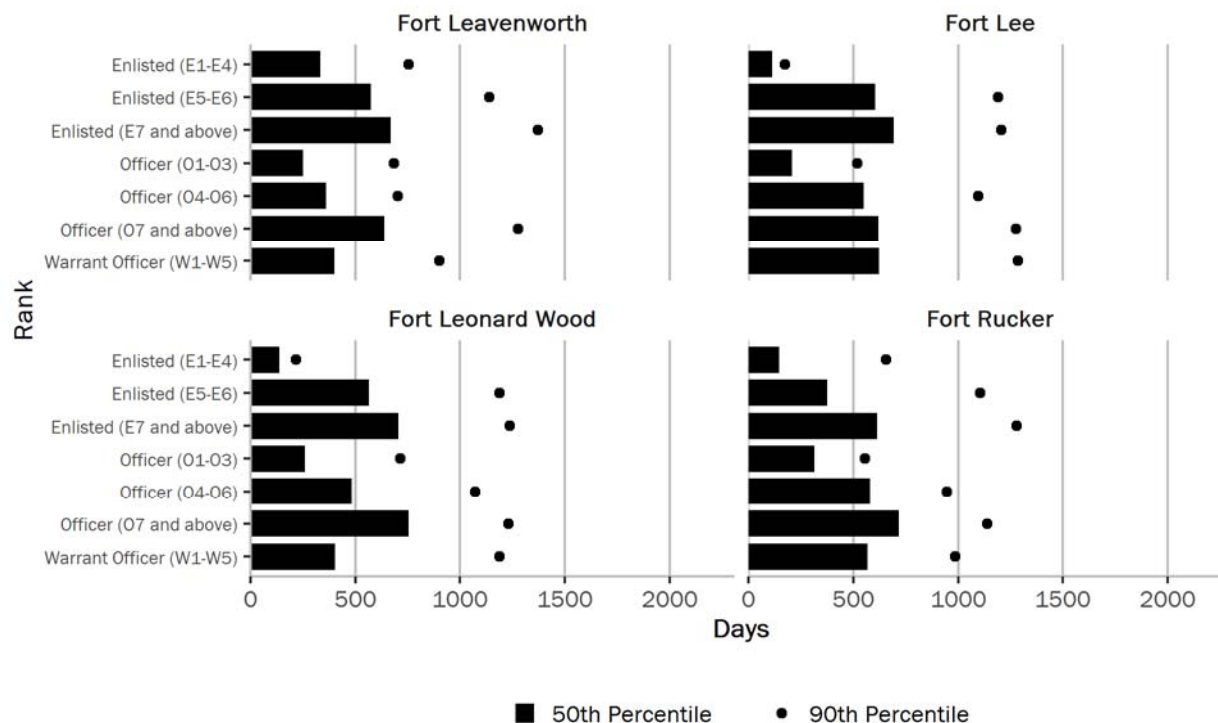


Figure 22. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Leavenworth, Fort Lee, Fort Leonard Wood, and Fort Rucker

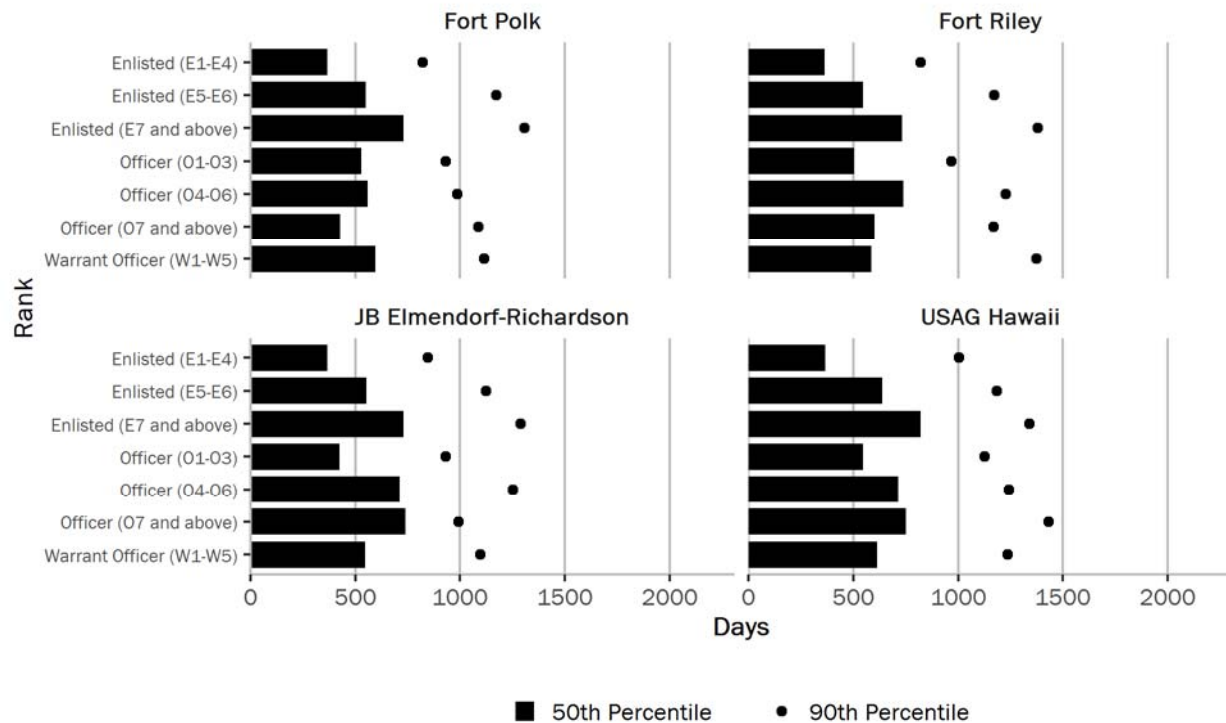


Figure 23. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Fort Riley, and Fort Polk, JB Elmendorf-Richardson, and USAG Hawaii

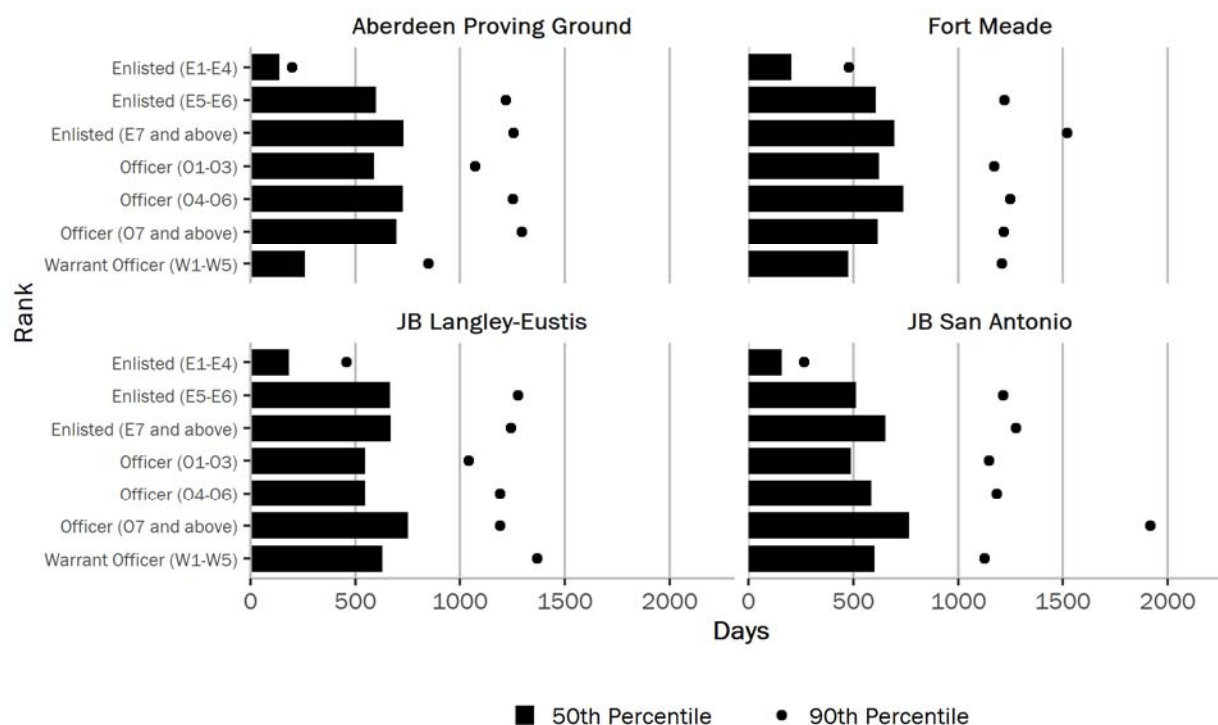


Figure 24. Assignment Durations (50th and 90th Percentiles) for Rank Groups at Aberdeen Proving Ground, Fort Meade, JB Langley-Eustis, and JB San Antonio

7.1.2 Assignment Duration Statistical Descriptions by Army CMF and PMD

The U.S. Army Human Resources Command designates active component personnel according to PMD and CMF. The PMDs of Operations, Operations Support, and Force Sustainment are comprised of several CMFs which are the focus of this study. Further, each CMF contains multiple MOSs. For PTIP analysis, personnel assignment durations for specified MOS were aggregated into corresponding CMF for statistical analyses as defined in Table 4. Statistical descriptions of assignment durations were determined by CMF at each of the 32 CONUS installations in this study (Table 2).

NOTE – The MOS column in Table 4 depicts representative MOS for that CMF and is not the comprehensive list of MOS assigned to each CMF.

Table 4. Army Career Management Fields for Assignment Duration Statistical Analysis

PMD	CMF	MOS ^a
Operations	Air Defense Artillery	Air and Missile Defense Officer/Tactician/Operator/Crew
	Armor	Armor Crew, Calvary Scout
	ARSOF	Special Forces
	Aviation	Pilot, Aviation Maintenance/Repair, Unmanned Aircraft, Aviation Arms Operations, Air Traffic Control Operator
	Field Artillery	Field Artillery, Cannon Crewmember, Launch Rocket Systems
	Infantry	Infantry, Infantry Officer
Operations Support	Chemical	Chemical, Biological, Radiological and Nuclear Specialist
	Cyber	Cyber Operations, Space Operations
	Engineer	Engineer, Firefighter, Electrician, Surveyor
	Military Intelligence	Intelligence Officer/Technician, Analyst, Signal Intelligence, Counterintelligence, Interpreter, Translator, Linguist
	Military Police	Military Police, Working Dog Handler
	Public Affairs	Public Affairs, Mass Communication Specialist
	Signal	Information Technology Engineer/Specialist, Signal Analyst/Specialist, Network/Satellite Communications
Force Sustainment	Health Services	Doctor, Surgeon, Medic, Nurse, Dentist, Environmental Health Specialist, Veterinary Medicine
	Ordnance	Ammunition Specialist, EOD Specialist, Materiel Maintenance and Munitions, Small Arms, Missile Systems, Electronics
	Quartermaster Corps	Acquisition, Logistics and Technology, Food Service, Shower/Laundry/Clothing Specialists
	Solider Support	Human Resources, Counseling, Chaplain, Legal, Judge Advocate
	Transportation	Transport Operators, Cargo Specialist, Logistician

Legend:

PMD = Personnel Management Division

CMF = Career Management Field

MOS = military occupational specialty

ARSOF = Army Special Operations Forces

EOD = Explosives Ordnance Disposal

Note:

^a Representative MOS for each CMF

Results for the CMF and PMD assignment duration analysis are presented in two formats. The first format of results presents the 50th percentile assignment durations (days) by CMF for the 32

CONUS Army installations in this study. Figures 17–34 present results for each of the 18 CMFs listed in Table 4.

As an explanation, Figure 17 shows the median number of days that personnel in the Air Defense Artillery CMF spend at each installation. Personnel in Air Defense Artillery CMF have the shortest median assignment duration at Fort Jackson (~ 100 days) compared to the longest duration at USAG Hawaii of ~950 days. Similar explanations for the other 17 CMFs apply to Figures 18–34. Overall, the 50th percentile assignment duration (median number of days) represents foundational data of the days that personnel in that CMF spend at each installation.

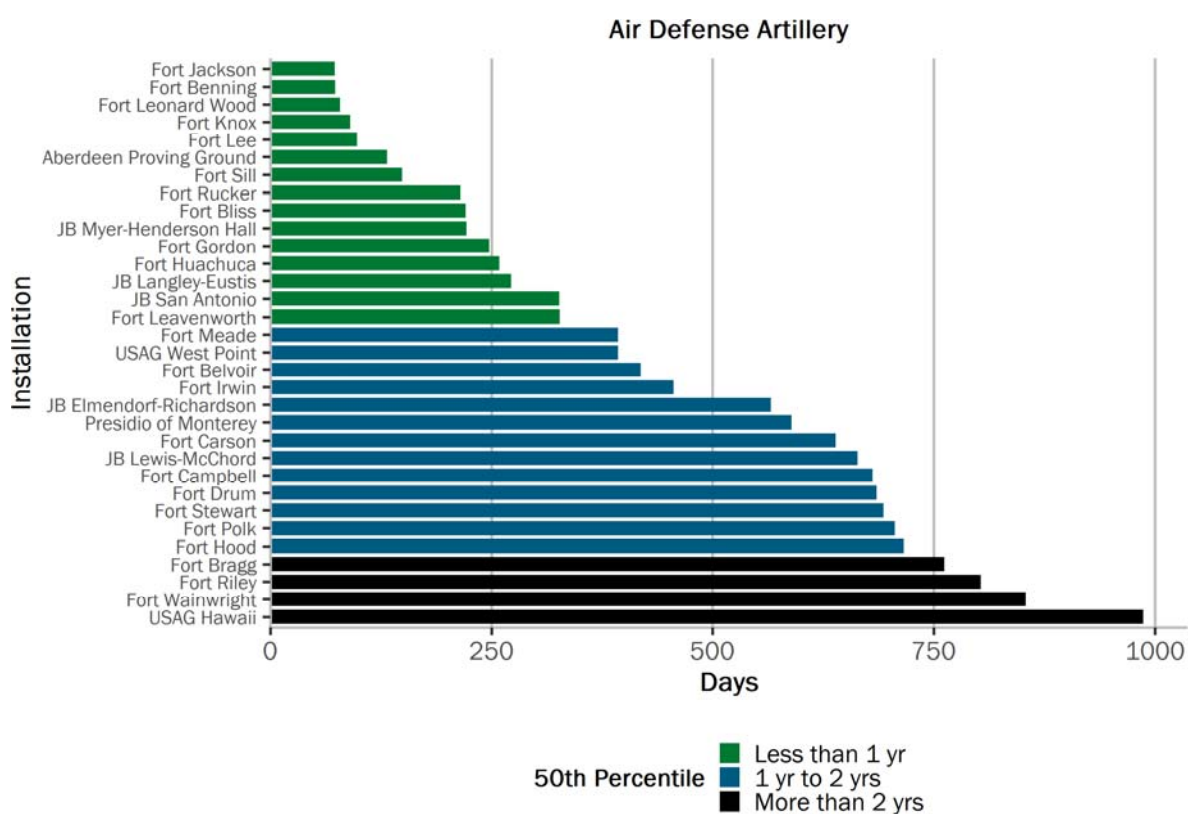


Figure 25. Air Defense Artillery CMF Assignment Durations for 32 CONUS Army Installations

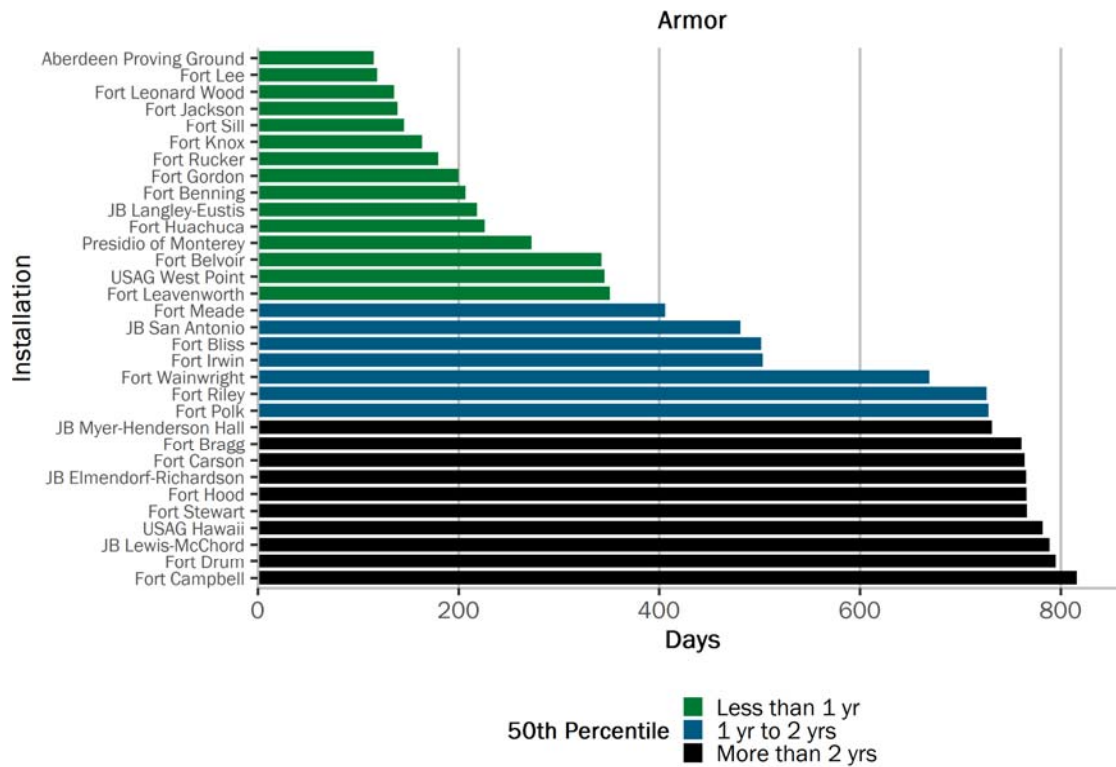


Figure 26. Armor CMF Assignment Durations for 32 CONUS Army Installations

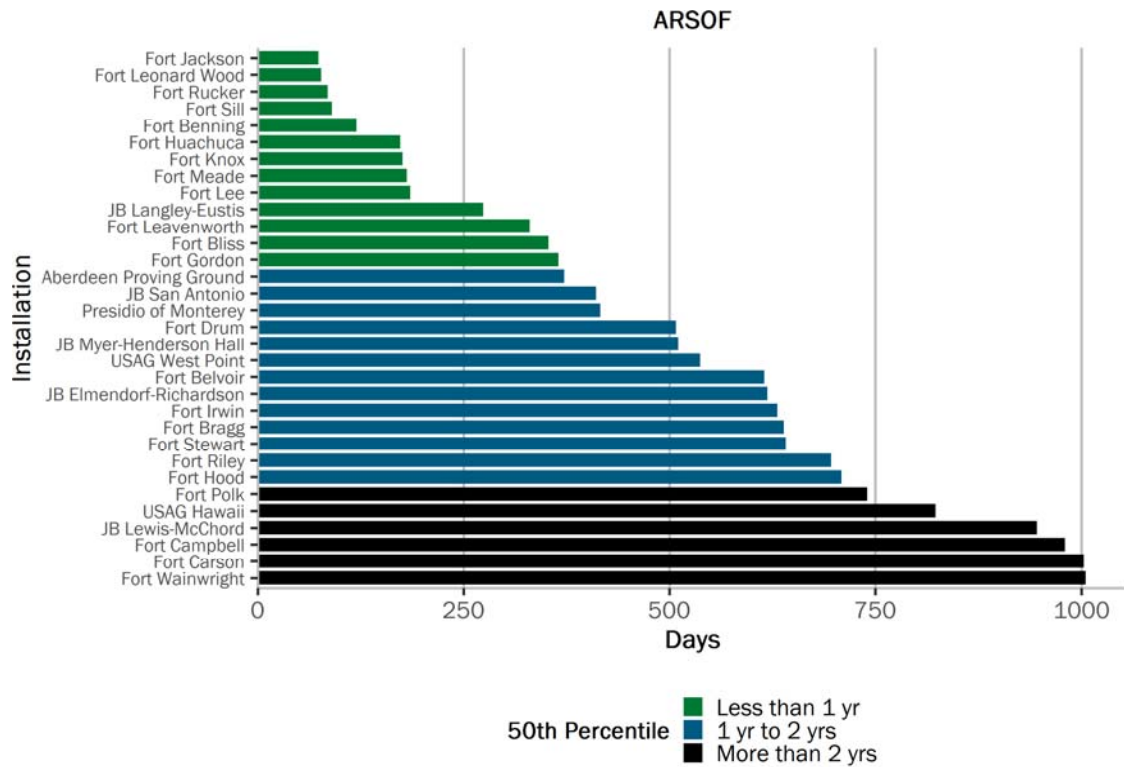


Figure 27. ARSOF CMF Assignment Durations for 32 CONUS Army Installations

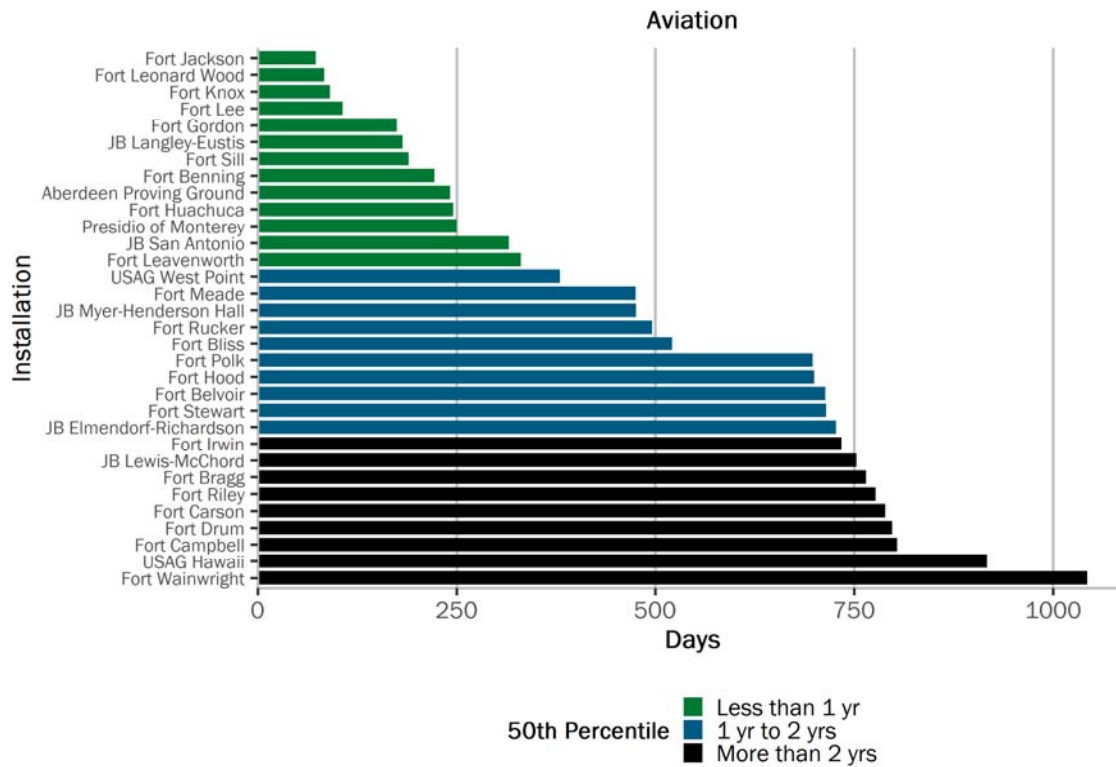


Figure 28. Aviation CMF Assignment Durations for 32 CONUS Army Installations

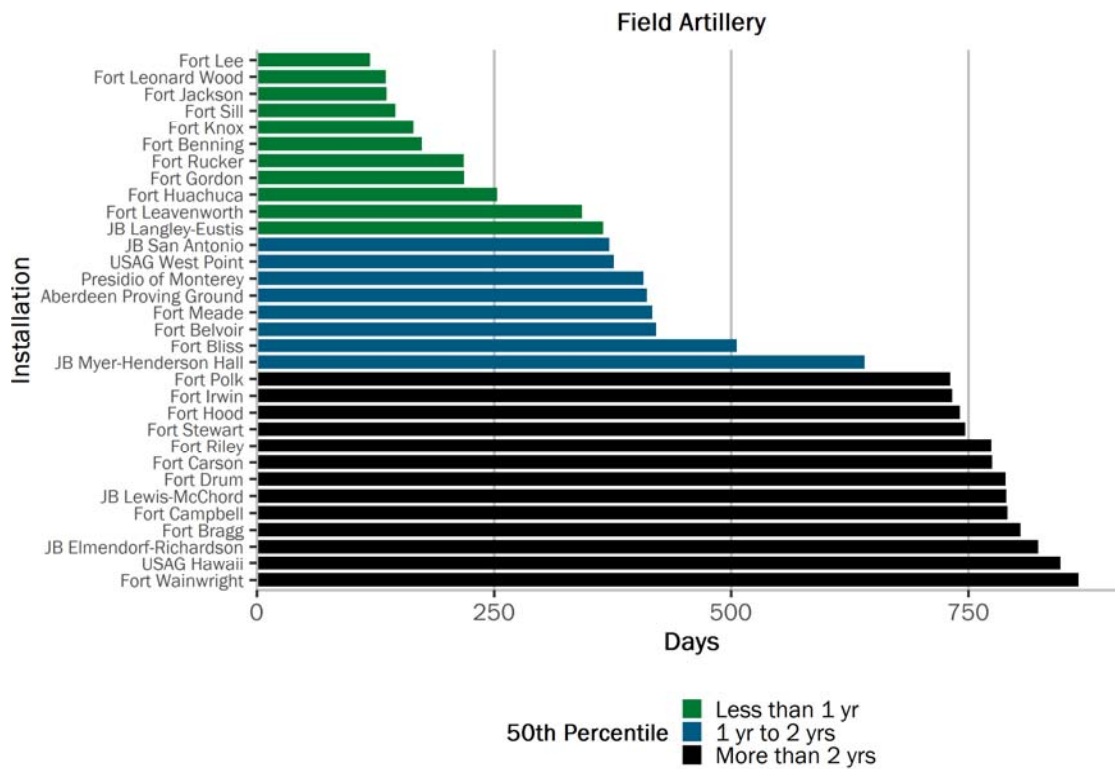


Figure 29. Field Artillery CMF Assignment Durations for 32 CONUS Army Installations

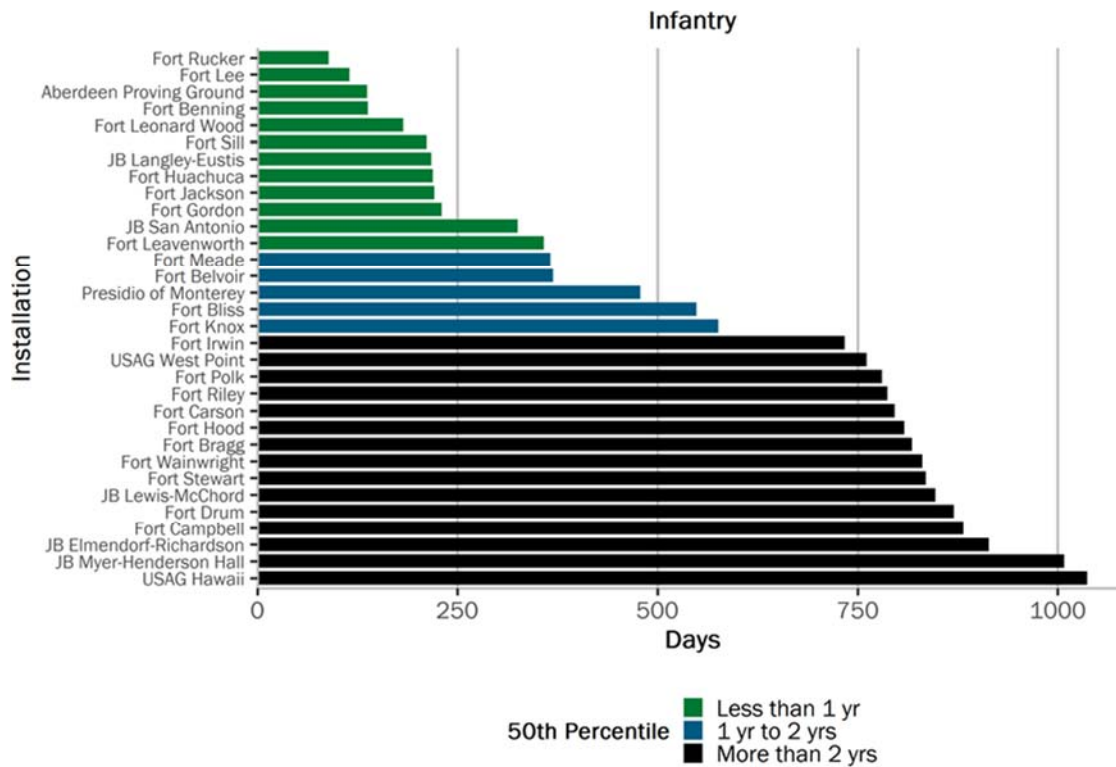


Figure 30. Infantry CMF Assignment Durations for 32 CONUS Army Installations

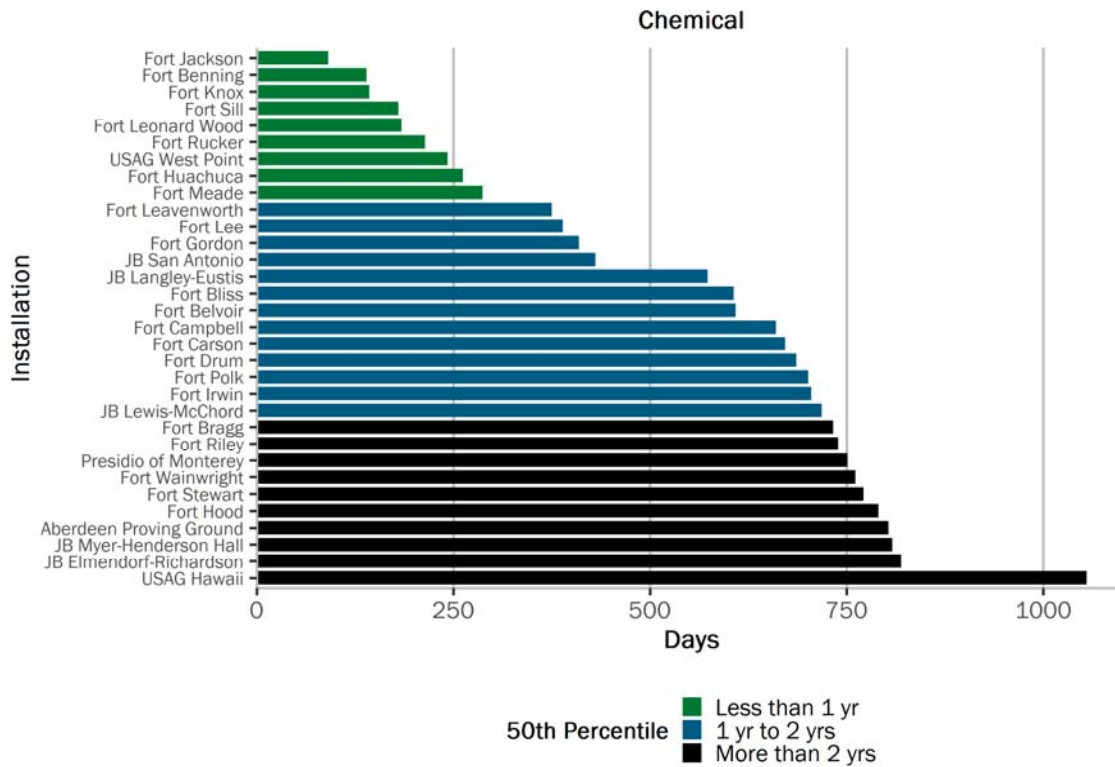


Figure 31. Chemical CMF Assignment Durations for 32 CONUS Army Installations

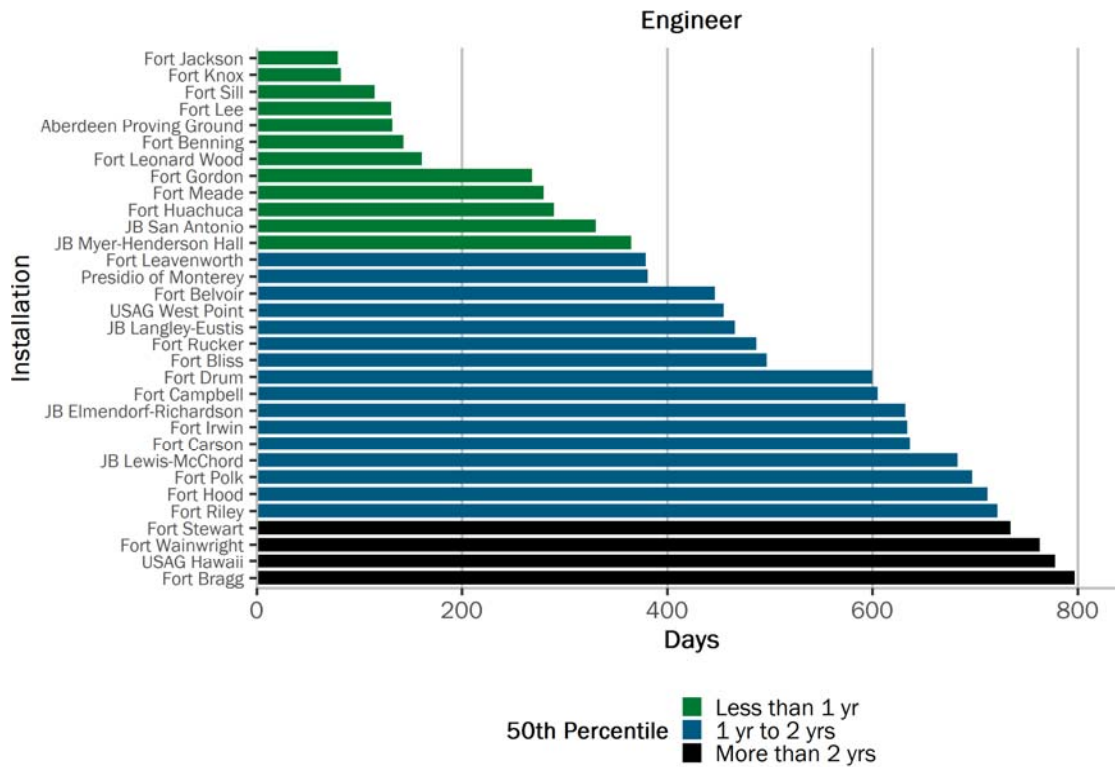


Figure 32. Engineer CMF Assignment Durations for 32 CONUS Army Installations

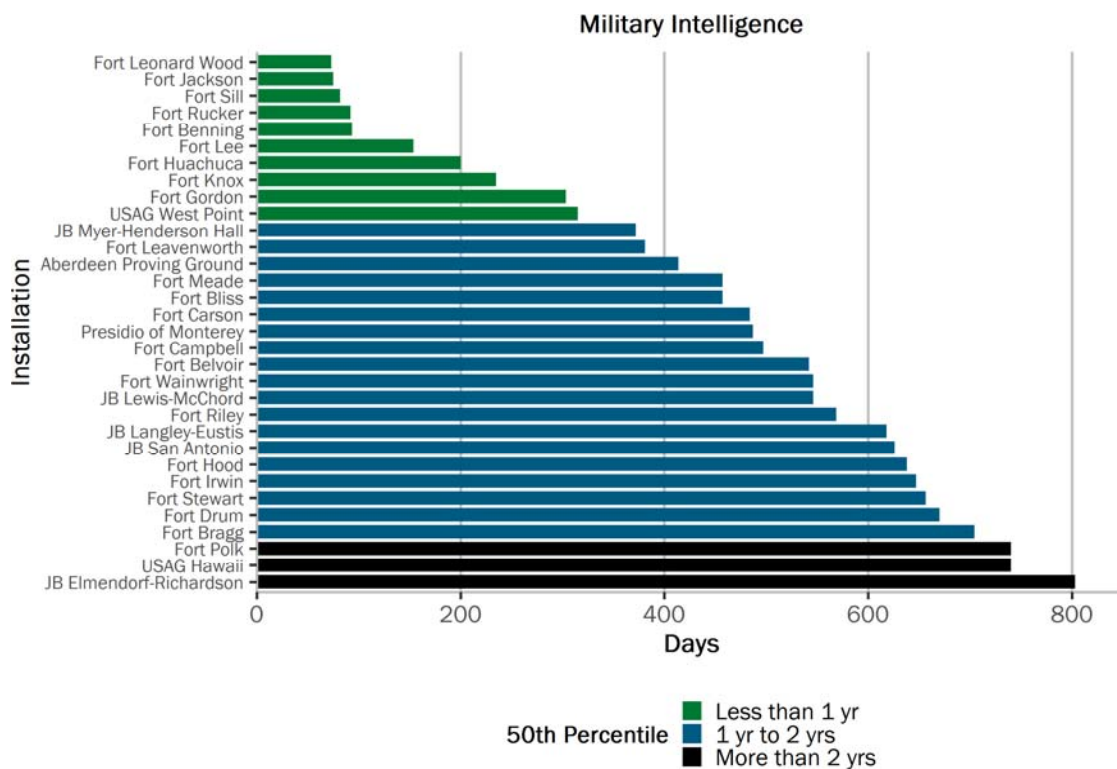


Figure 33. Military Intelligence CMF Assignment Durations for 32 CONUS Army Installations

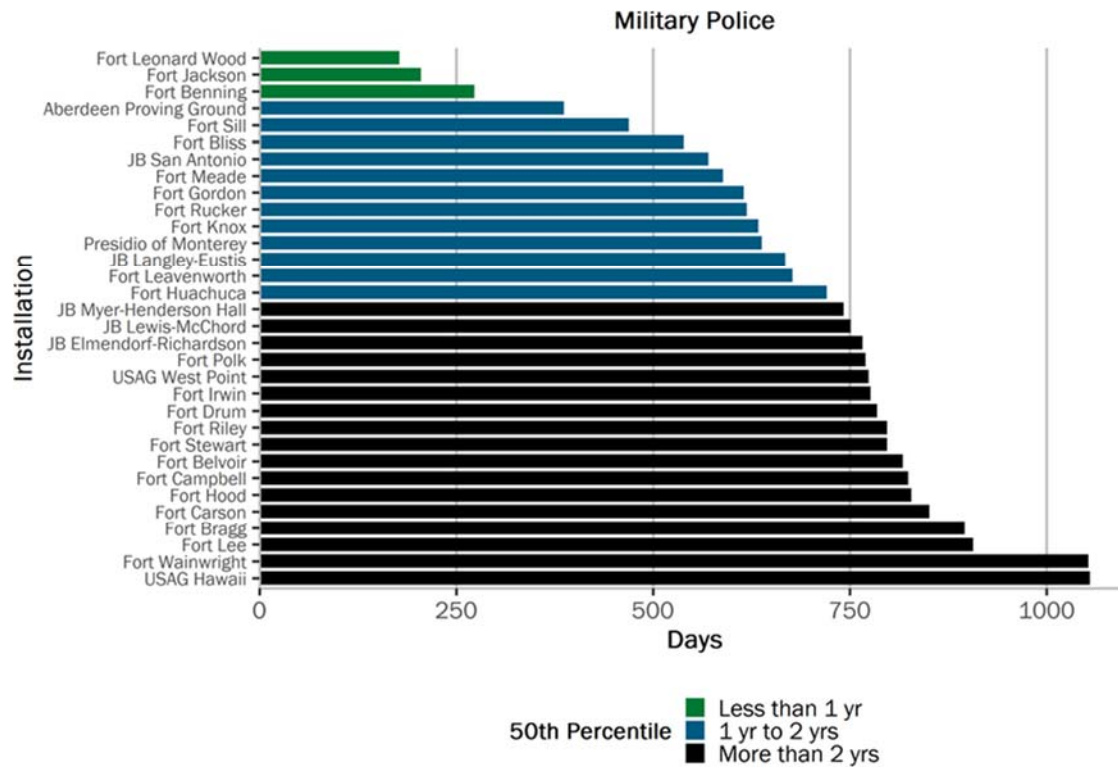


Figure 34. Military Police CMF Assignment Durations for 32 CONUS Army Installations

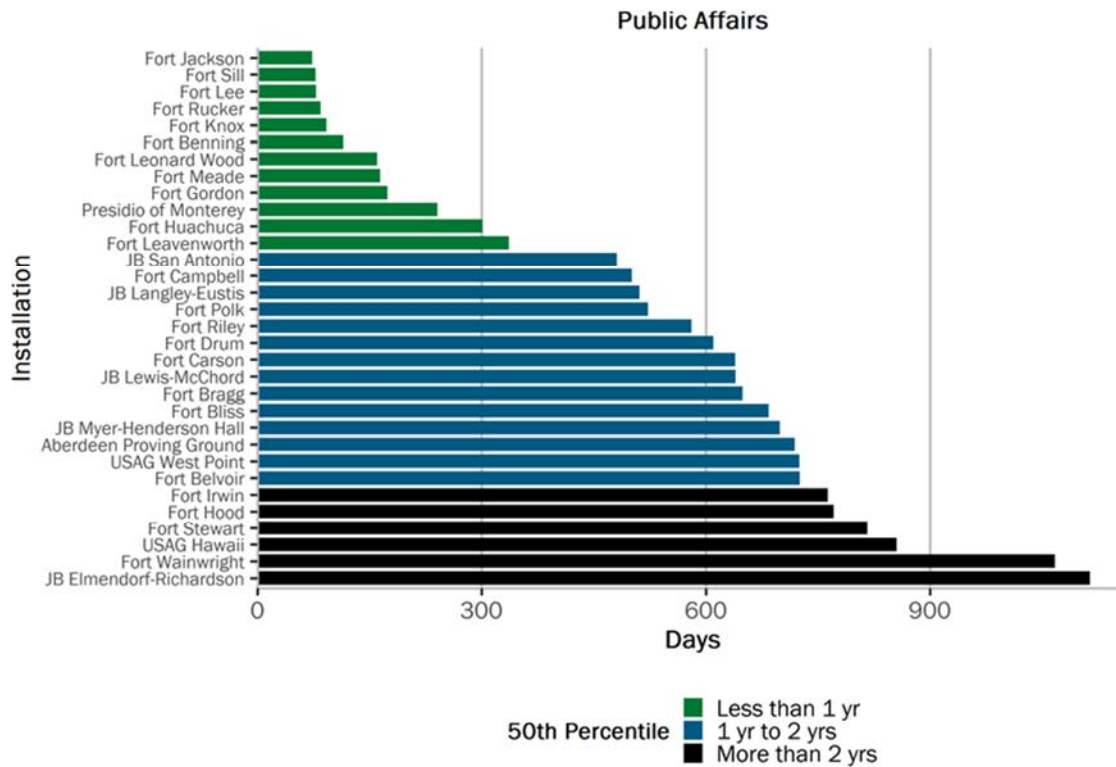


Figure 35. Public Affairs CMF Assignment Durations for 32 CONUS Army Installations

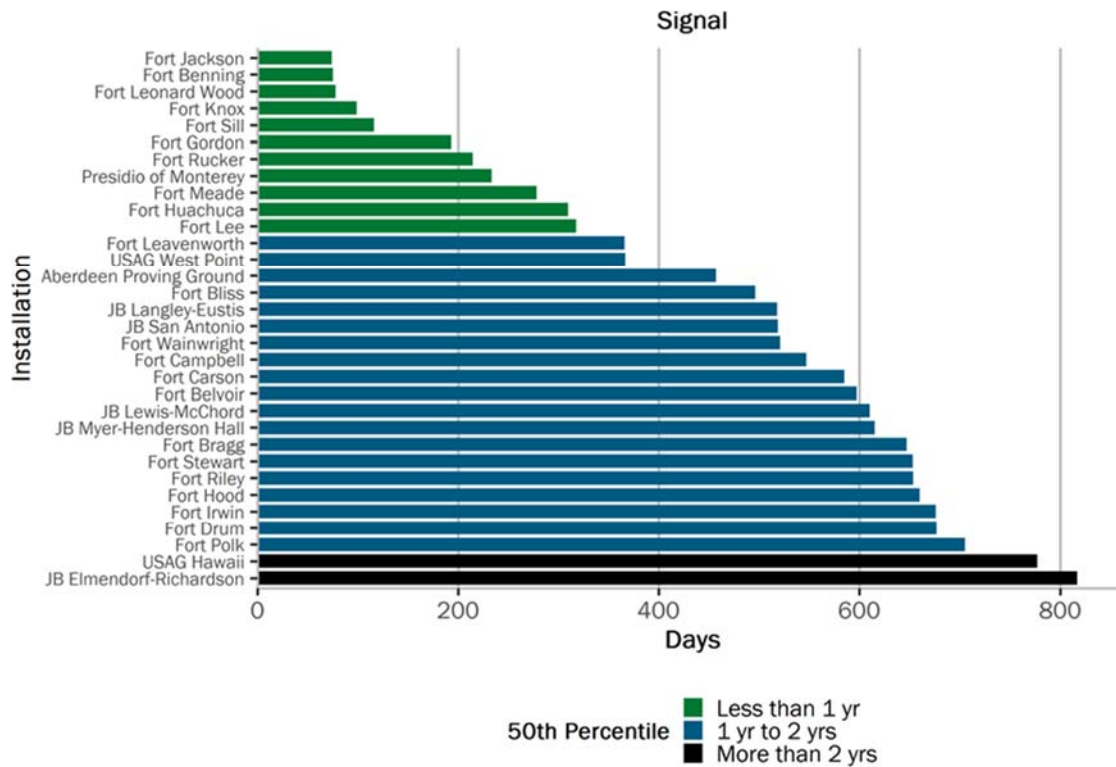


Figure 36. Signal CMF Assignment Durations for 32 CONUS Army Installations

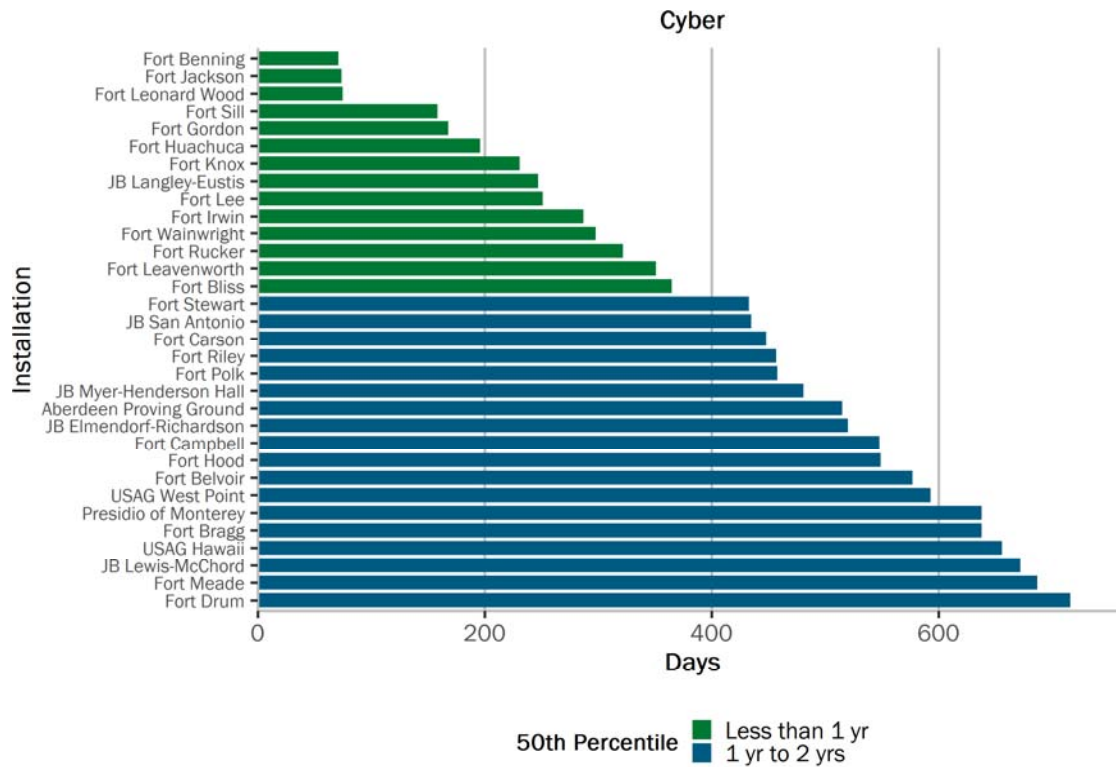


Figure 37. Cyber CMF Assignment Durations for 32 CONUS Army Installations

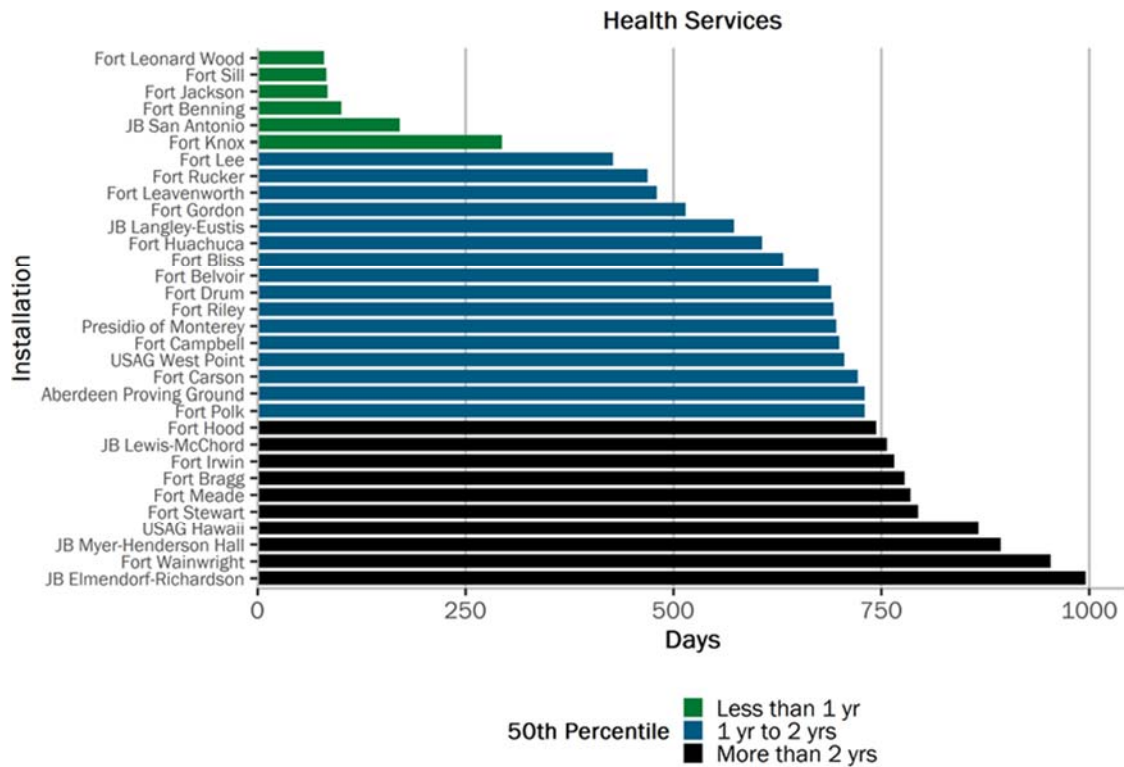


Figure 38. Health Services CMF Assignment Durations for 32 CONUS Army Installations

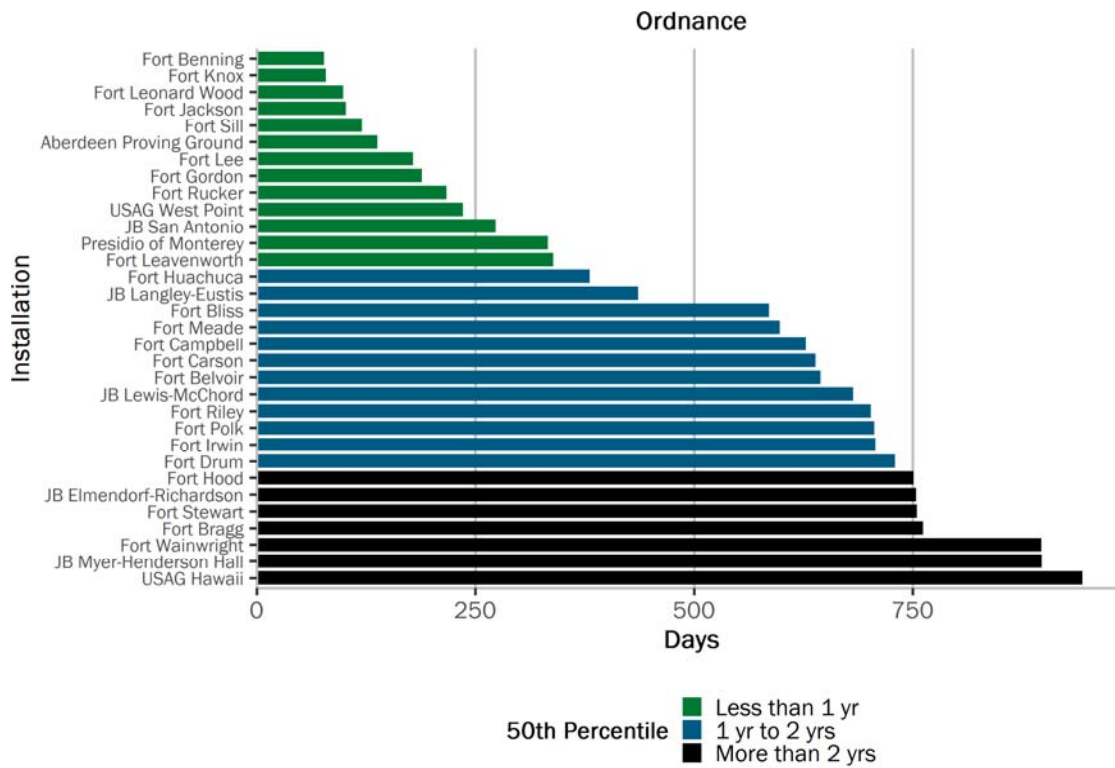


Figure 39. Ordinance CMF Assignment Durations for 32 CONUS Army Installations

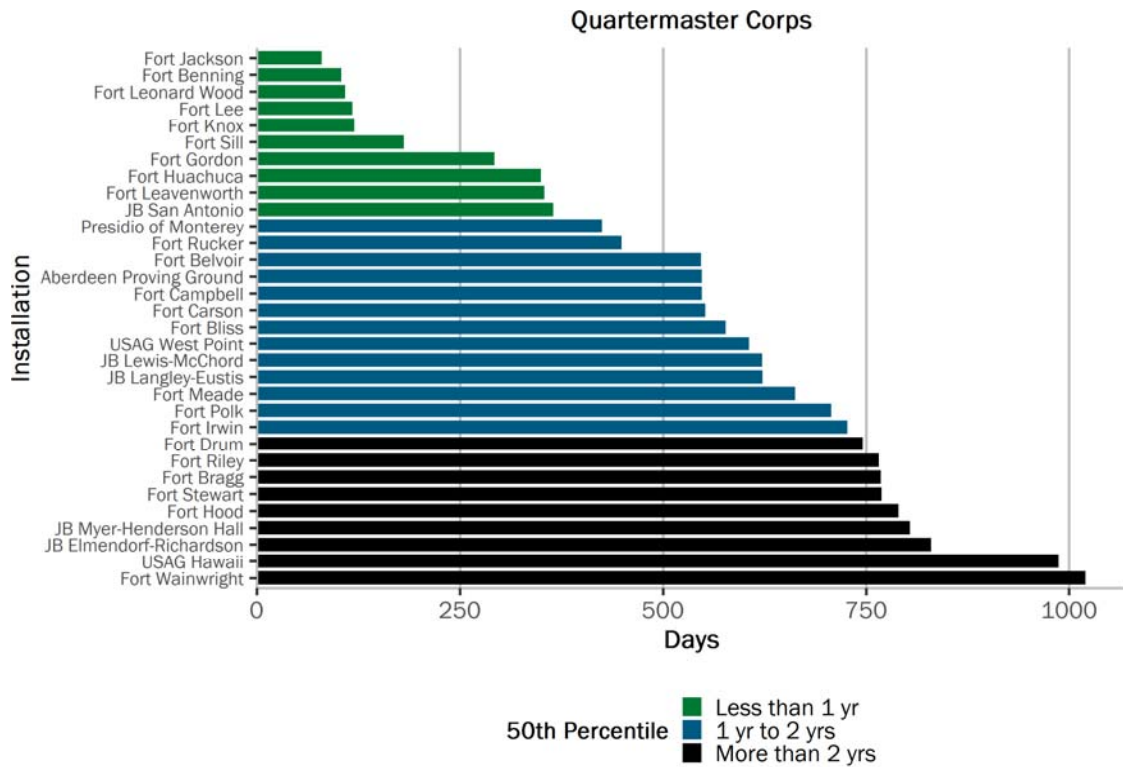


Figure 40. Quartermaster Corps CMF Assignment Durations for 32 CONUS Army Installations

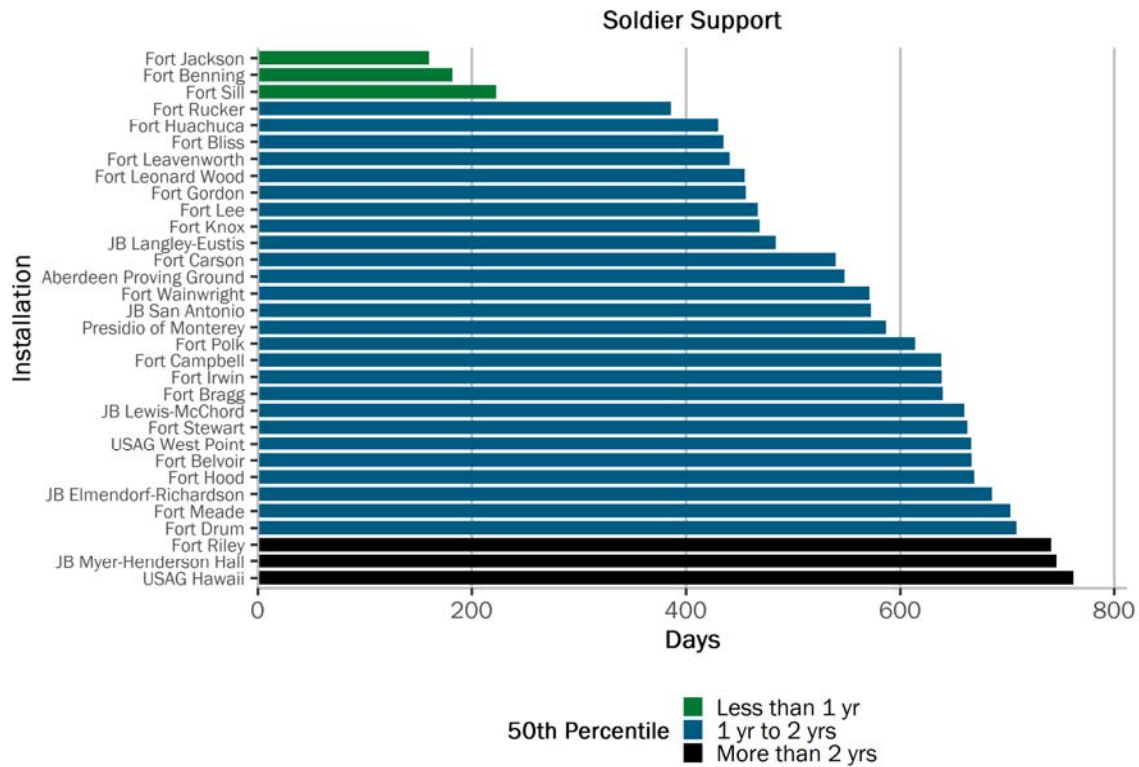


Figure 41. Soldier Support CMF Assignment Durations for 32 CONUS Army Installations

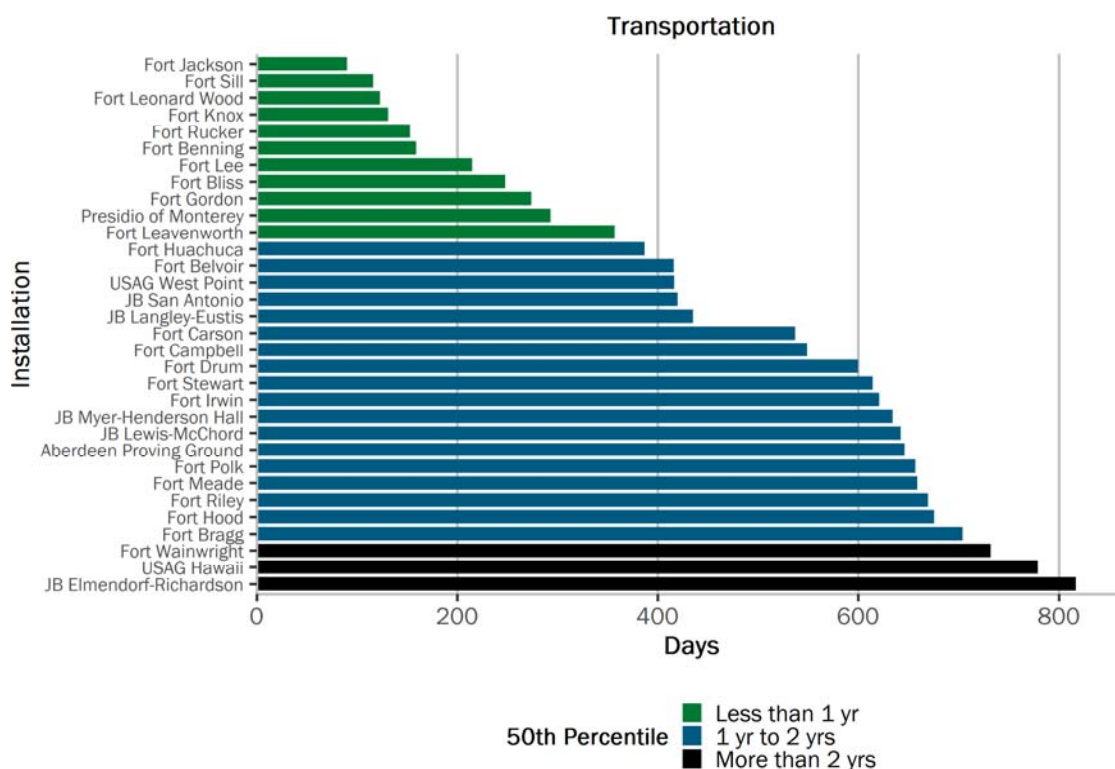


Figure 42. Transportation CMF Assignment Durations for 32 CONUS Army Installations

The second format of results presents the 50th and 90th percentiles for assignment durations (days) for each CMF within a PMD at each installation. Results for the 32 CONUS Army installations in this study are shown in Figures 43–75.

As an explanation, Figure 43 shows the 50th and 90th percentiles for the 18 CMFs in each of the 3 PMDs (Operations, Operations Support, and Force Sustainment Division) for Aberdeen Proving Ground. The CMFs are listed in order of the shortest time spent (median number of days) within a PMD at Aberdeen Proving Ground. In the Operations Division, the Armor CMF spends the shortest time (~100 days) and the Artillery CMF spends the longest time (~400 days) at Aberdeen Proving Ground. In the Operations Support Division, the Engineer CMF spends the shortest time and Chemical CMF spends the longest time (800 days). In the Force Sustainment Division, the Ordnance CMF spends the shortest time and the Health Services CMF spends the longest time (720 days). The 90th percentile of time spent by each CMF is also provided. Similar explanations of results for the other 31 installations apply to Figures 44–74. Overall, the 50th and 90th percentiles of assignment durations for each CMF represent

foundational data of the length of time (days) that each CMF spends at that installation. These percentiles provide temporal metrics for personnel in CMFs at Army installations to support a variety of assessments including those by human resource planners and environmental health specialists.

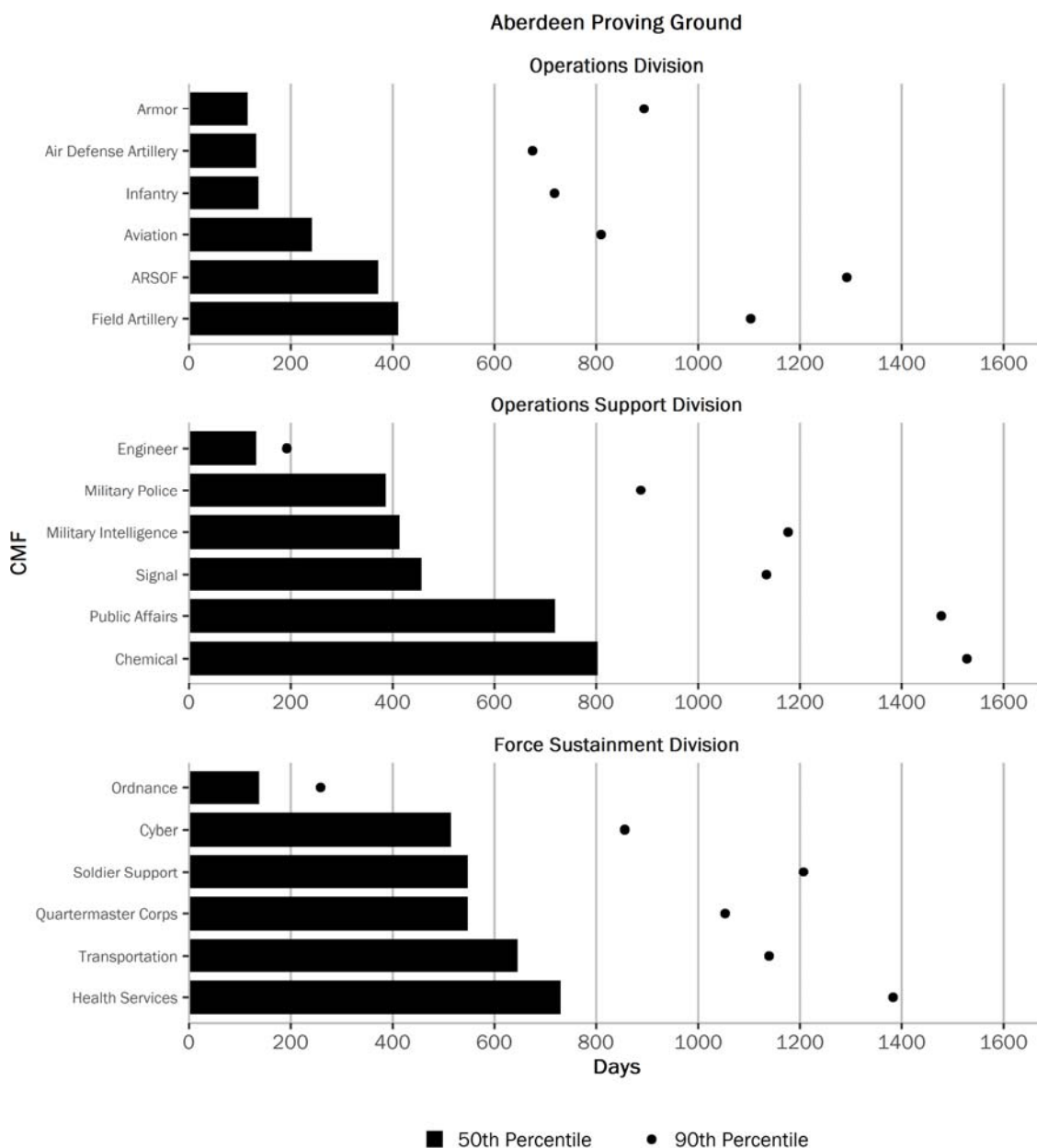
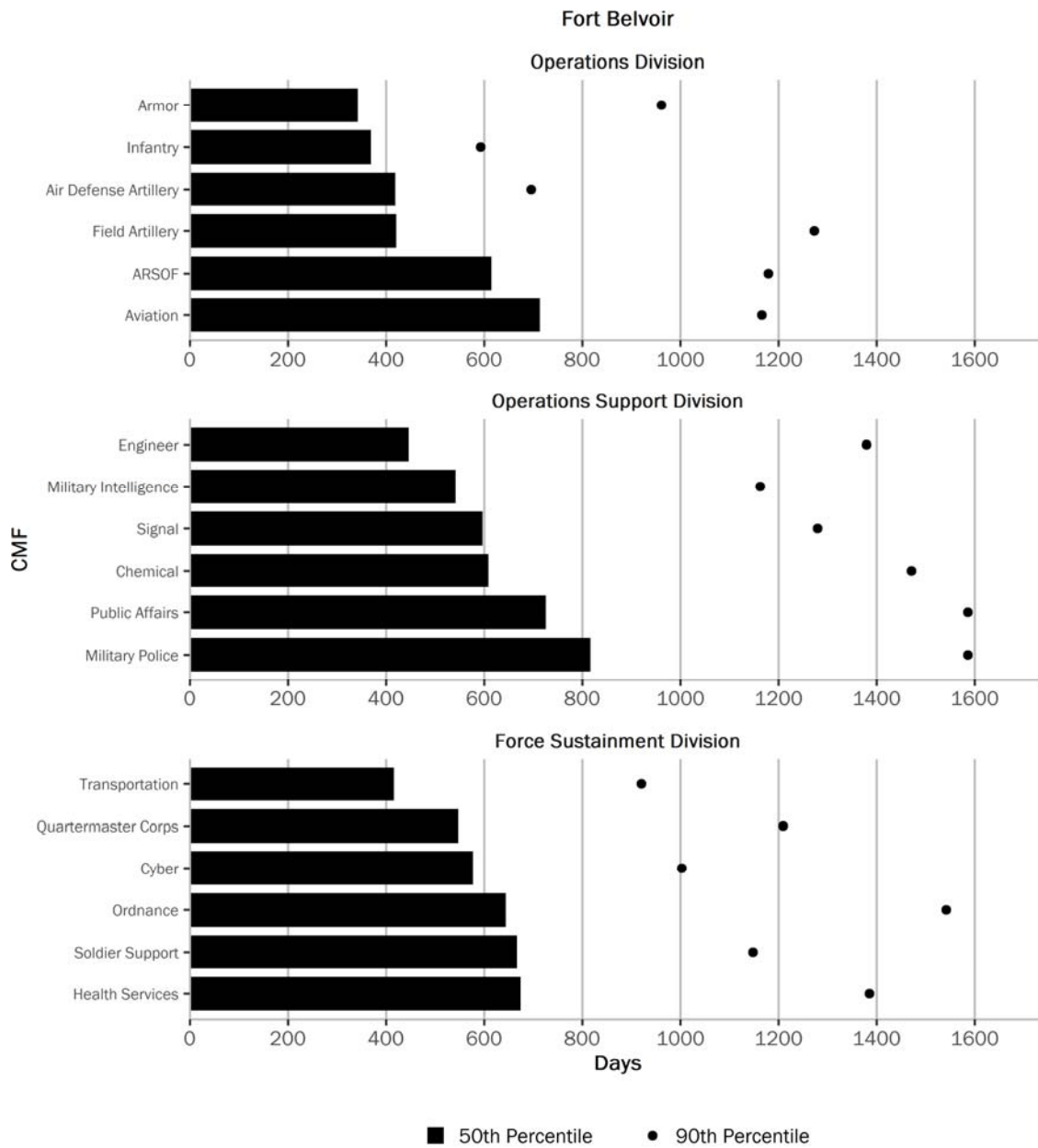
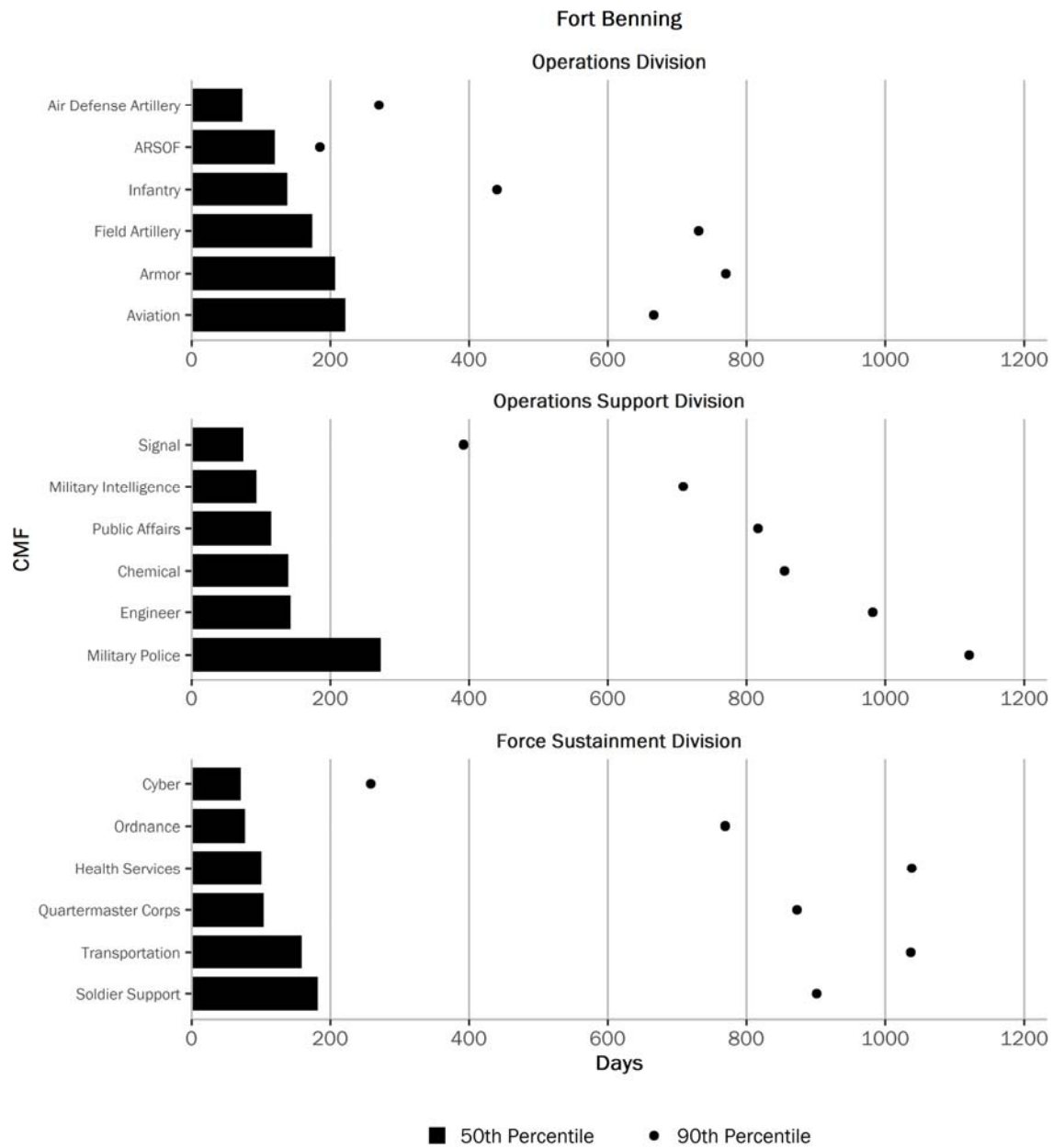


Figure 43. CMF Assignment Durations for Aberdeen Proving Ground

**Figure 44. CMF Assignment Durations for Fort Belvoir**

**Figure 45. CMF Assignment Durations for Fort Benning**

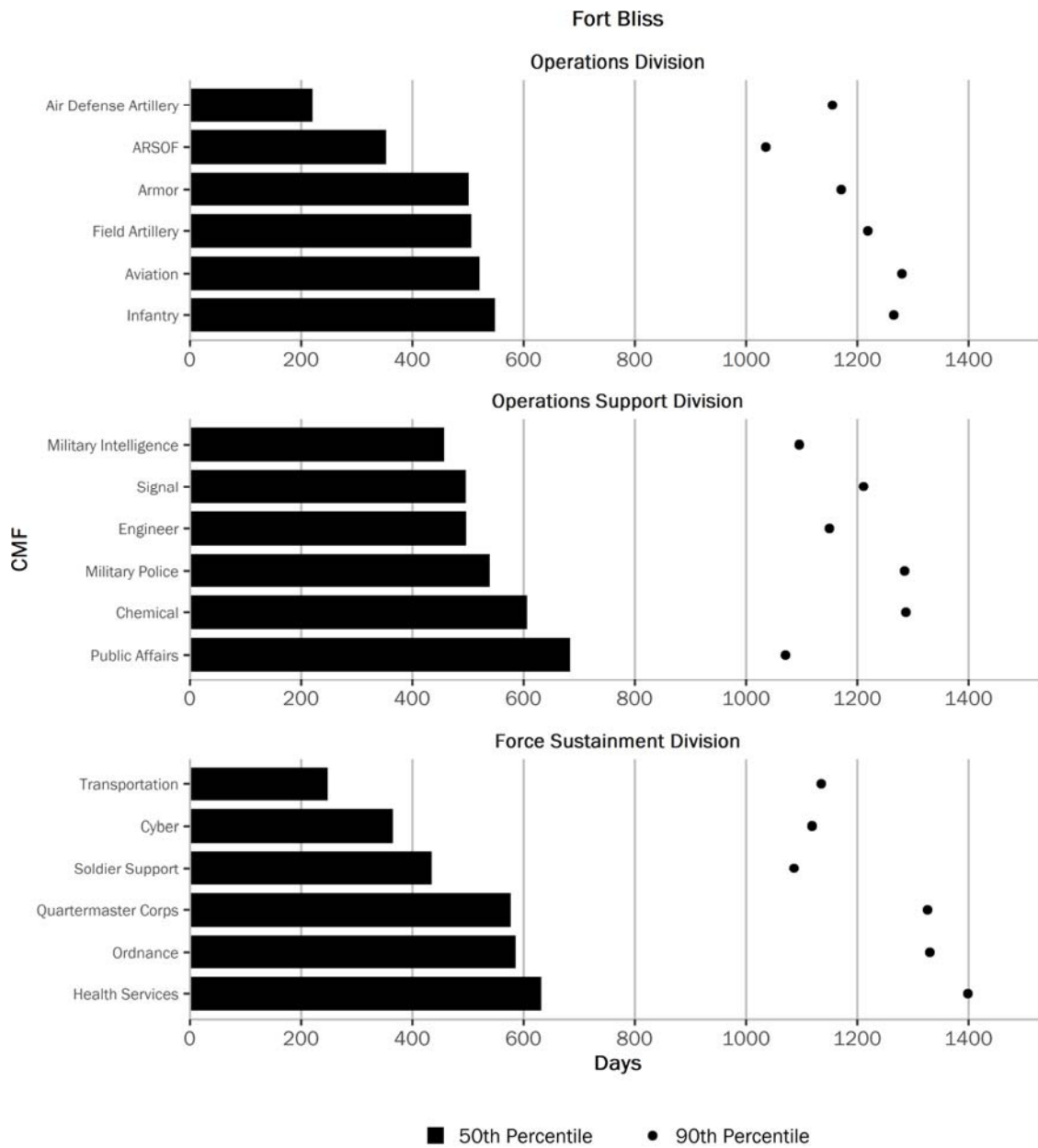


Figure 46. CMF Assignment Durations for Fort Bliss

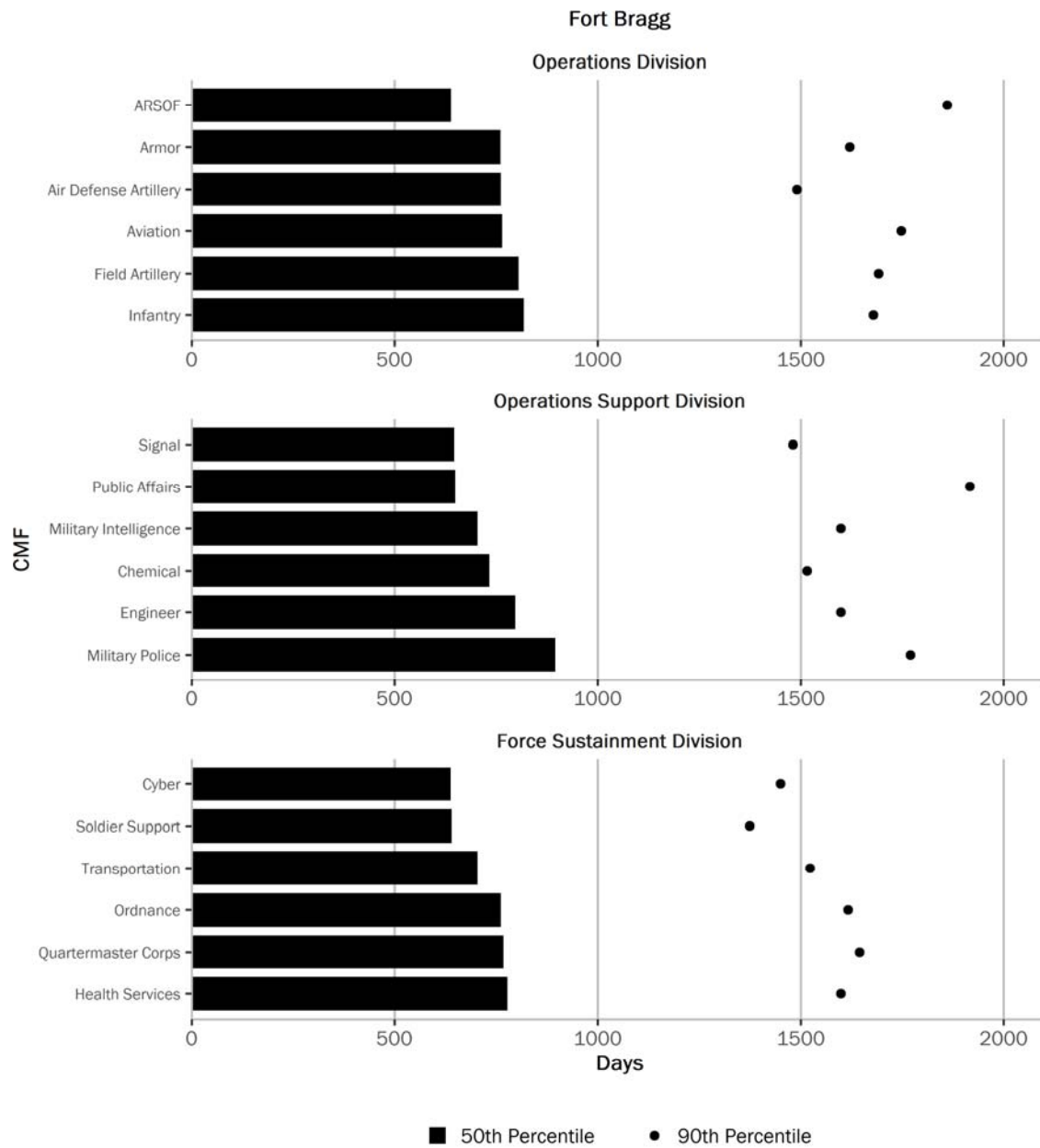


Figure 47. CMF Assignment Durations for Fort Bragg

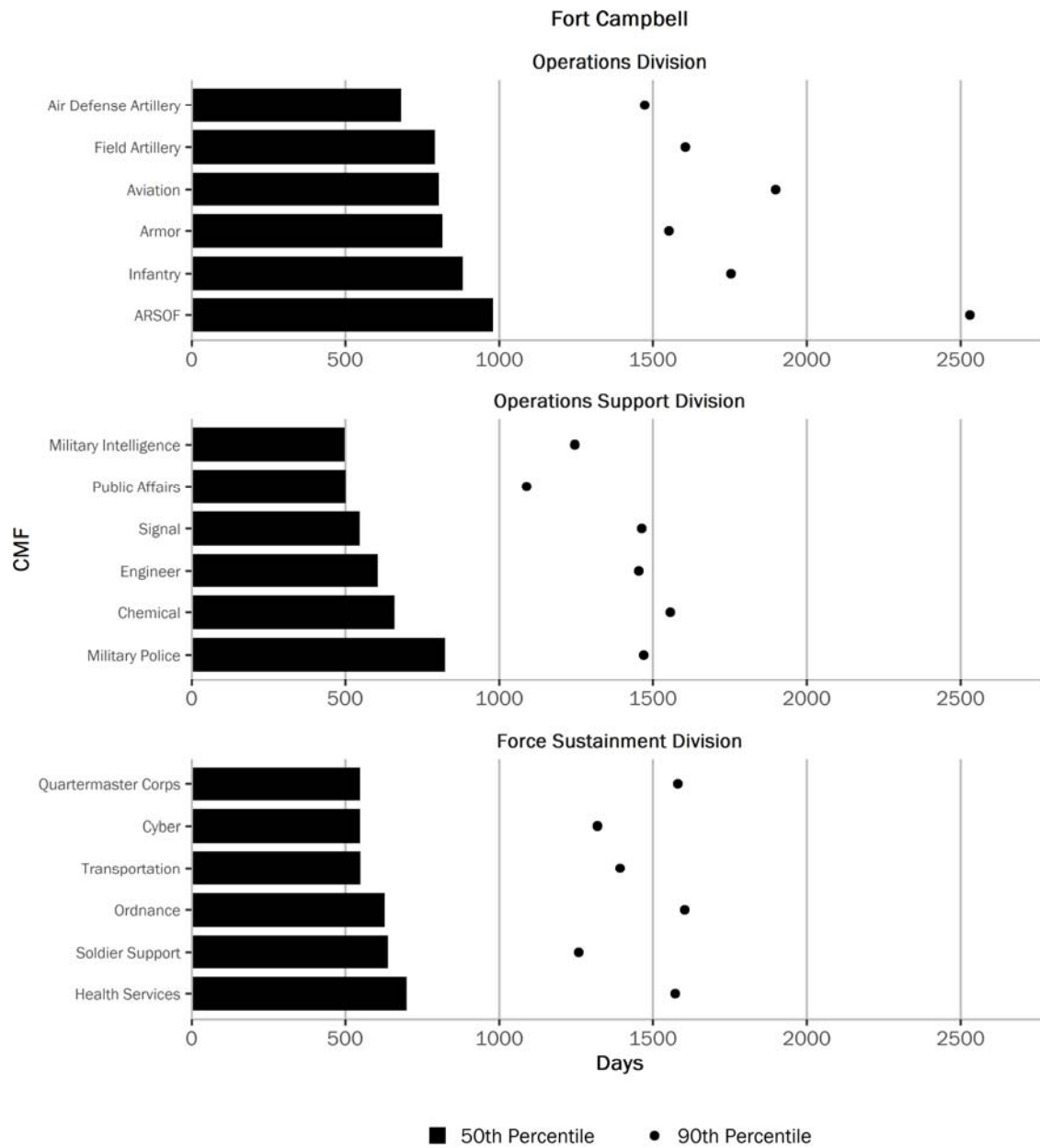


Figure 48. CMF Assignment Durations for Fort Campbell

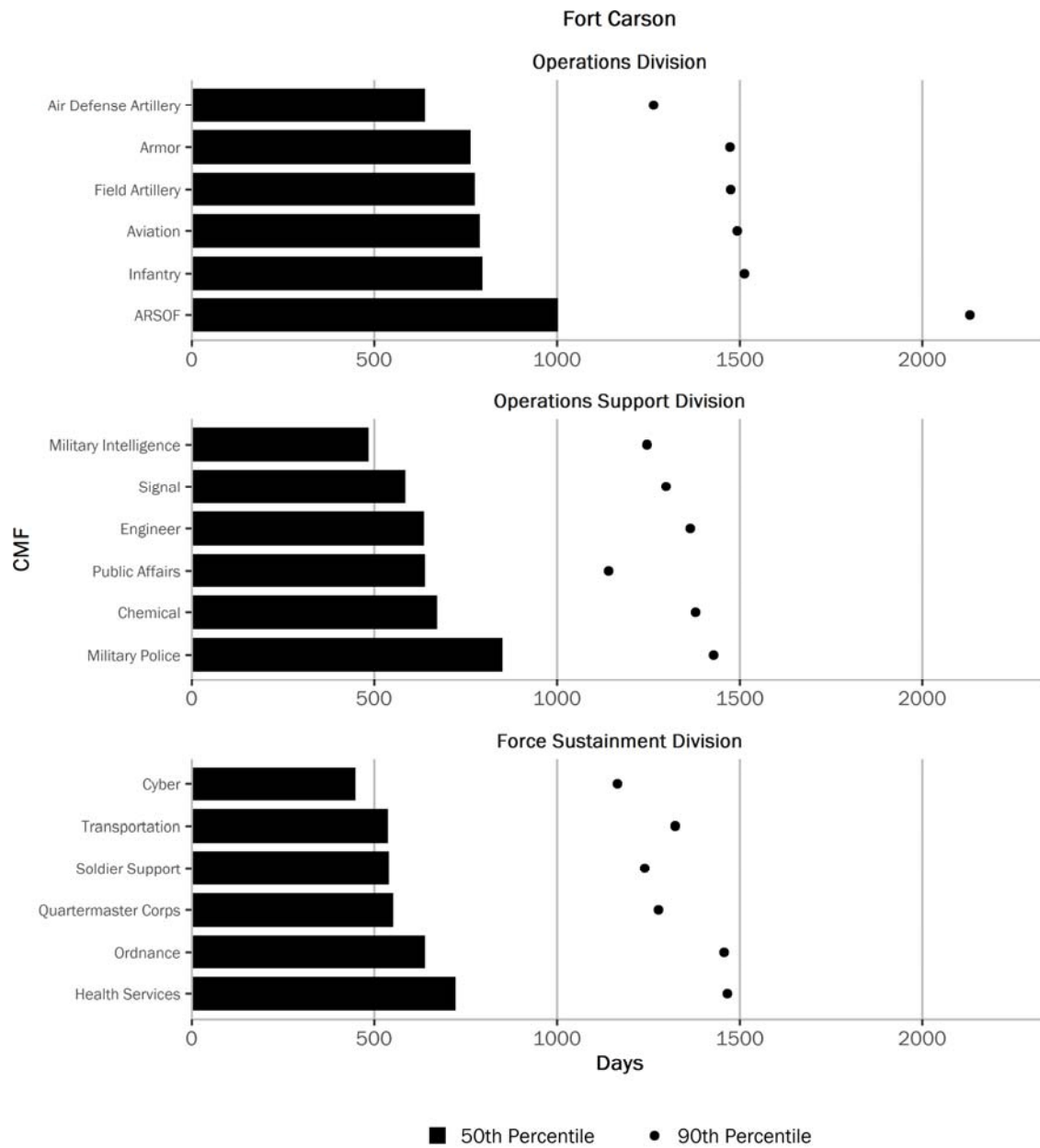


Figure 49. CMF Assignment Durations for Fort Carson

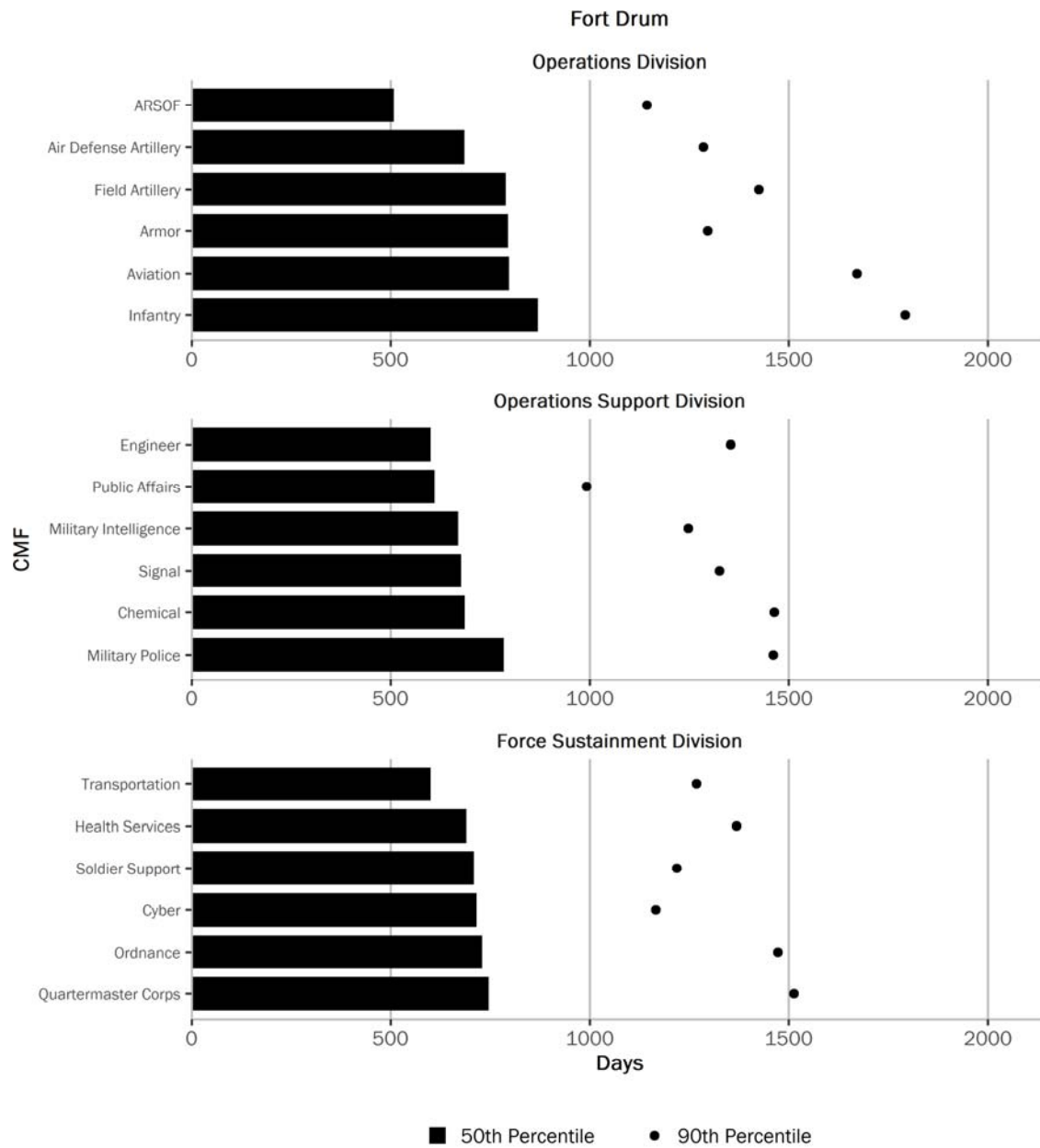


Figure 50. CMF Assignment Durations for Fort Drum

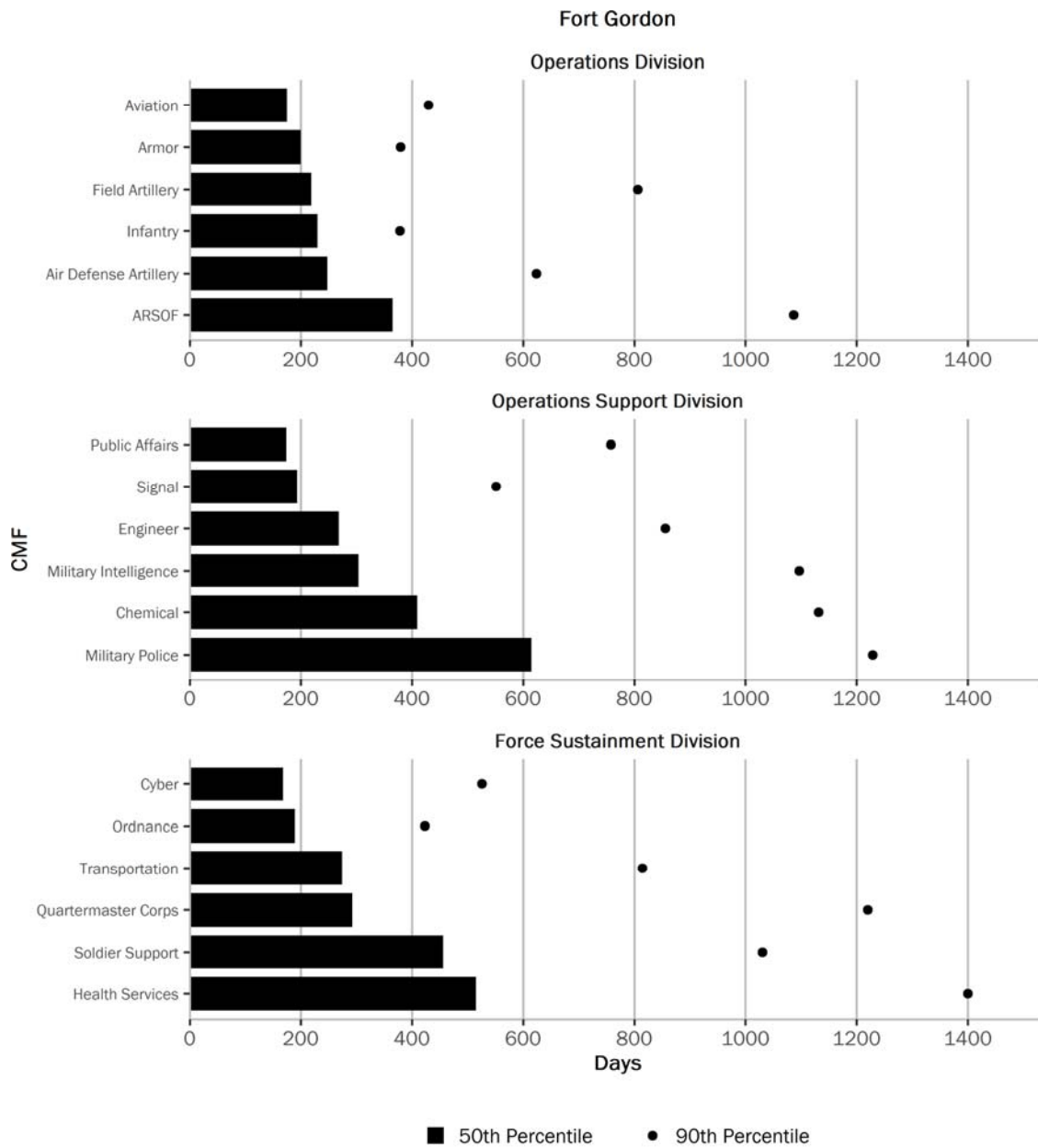


Figure 51. CMF Assignment Durations for Fort Gordon

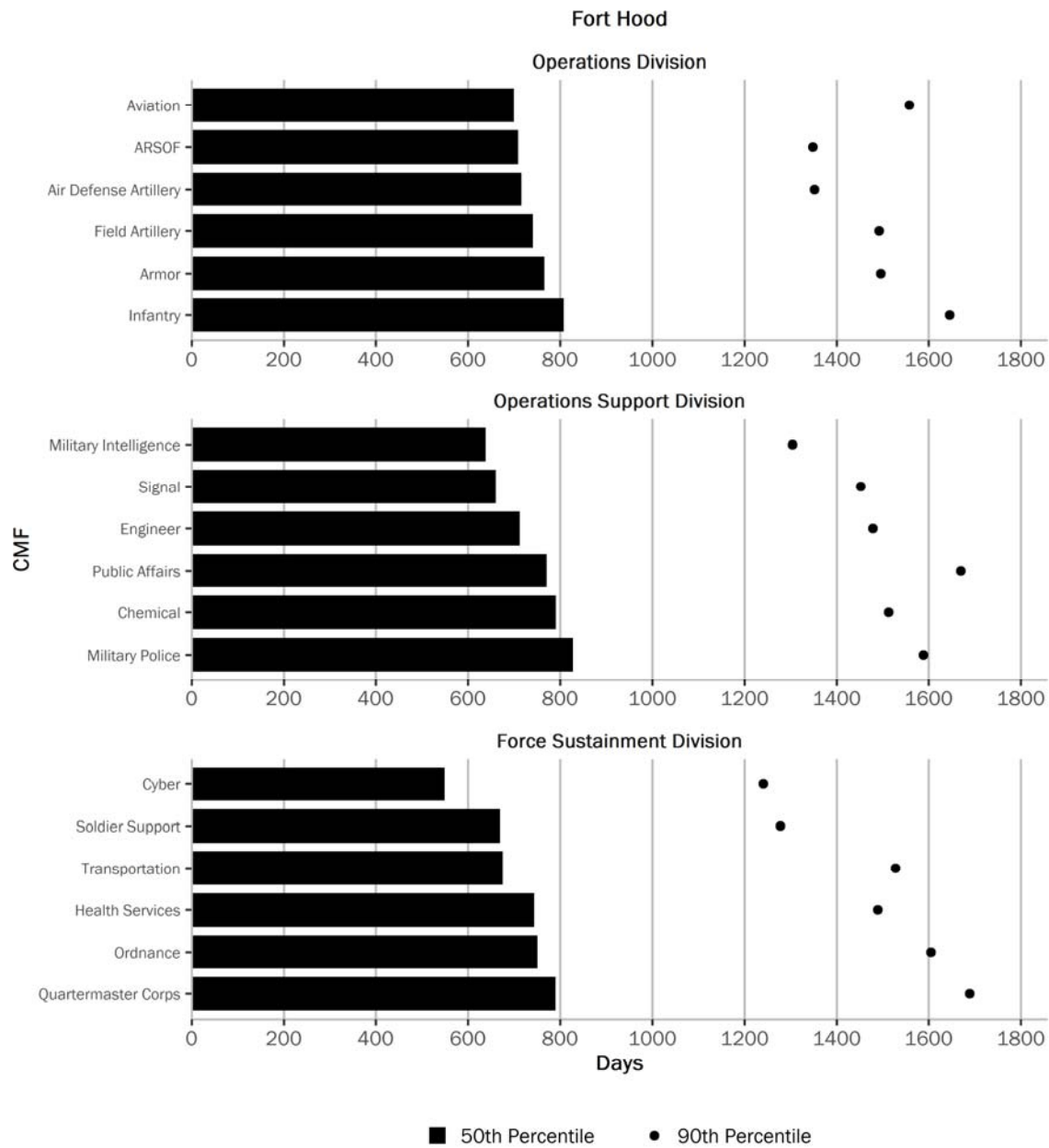


Figure 52. CMF Assignment Durations for Fort Hood

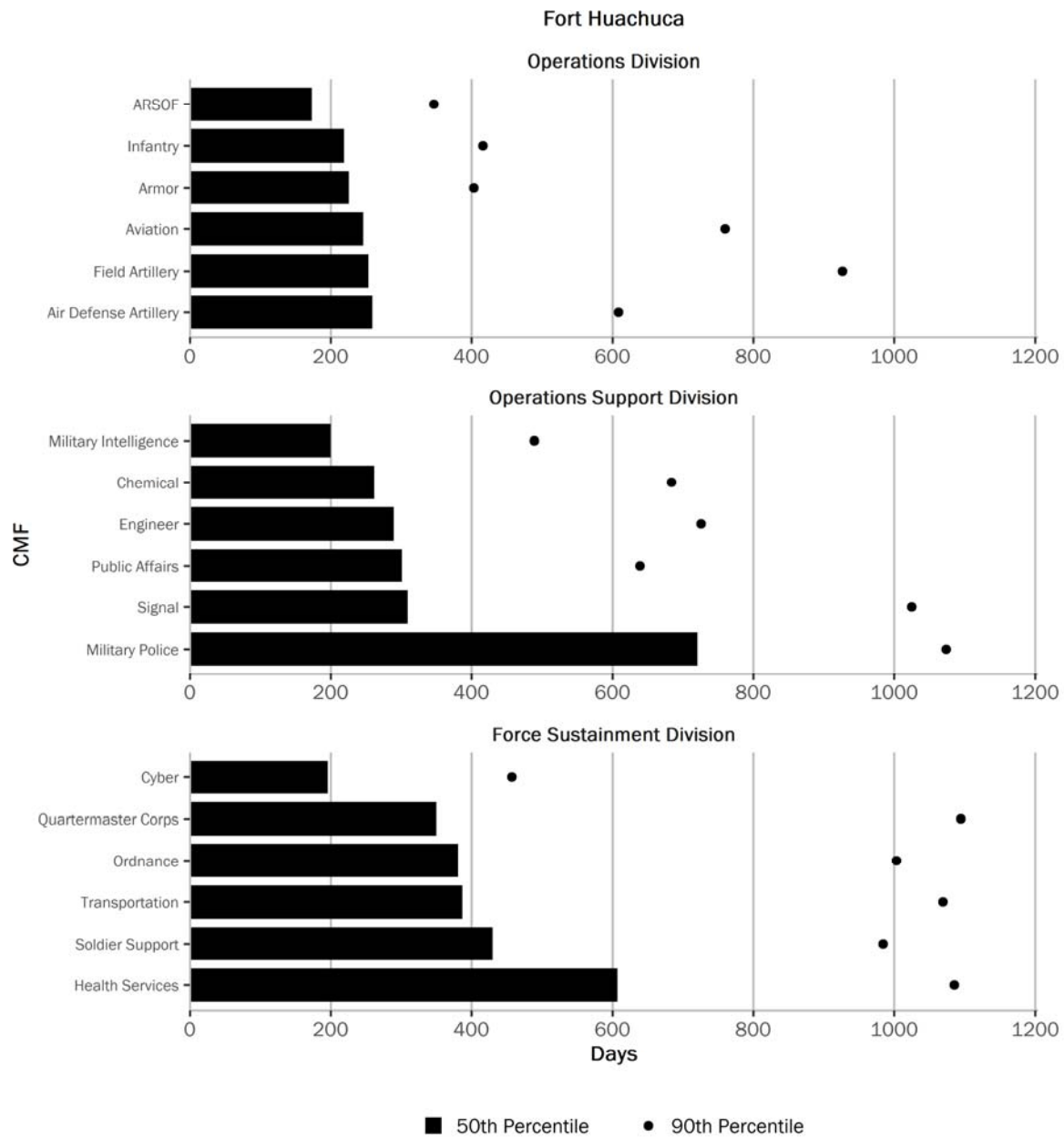


Figure 53. CMF Assignment Durations for Fort Huachuca

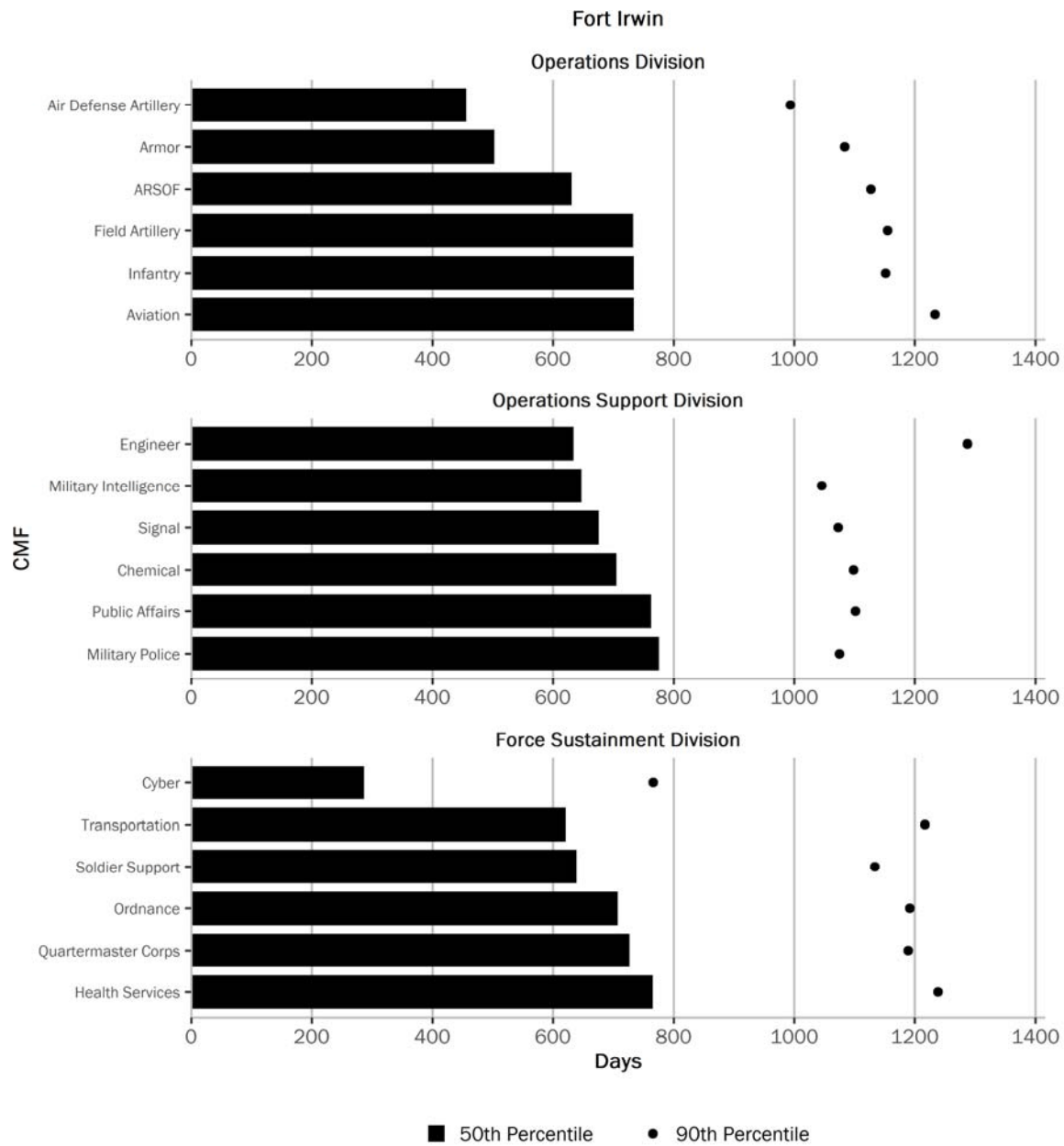


Figure 54. CMF Assignment Durations for Fort Irwin

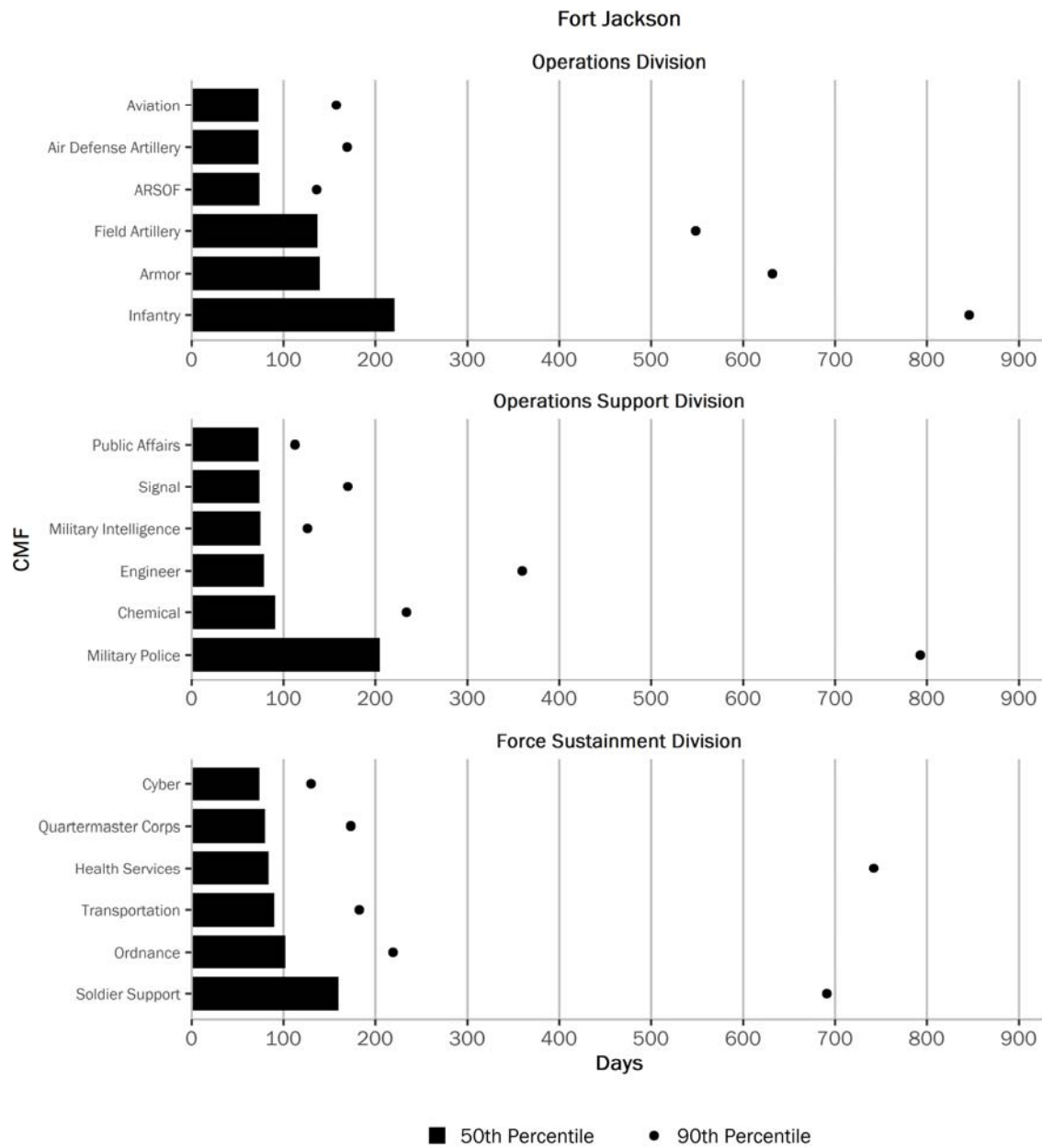


Figure 55. CMF Assignment Durations for Fort Jackson

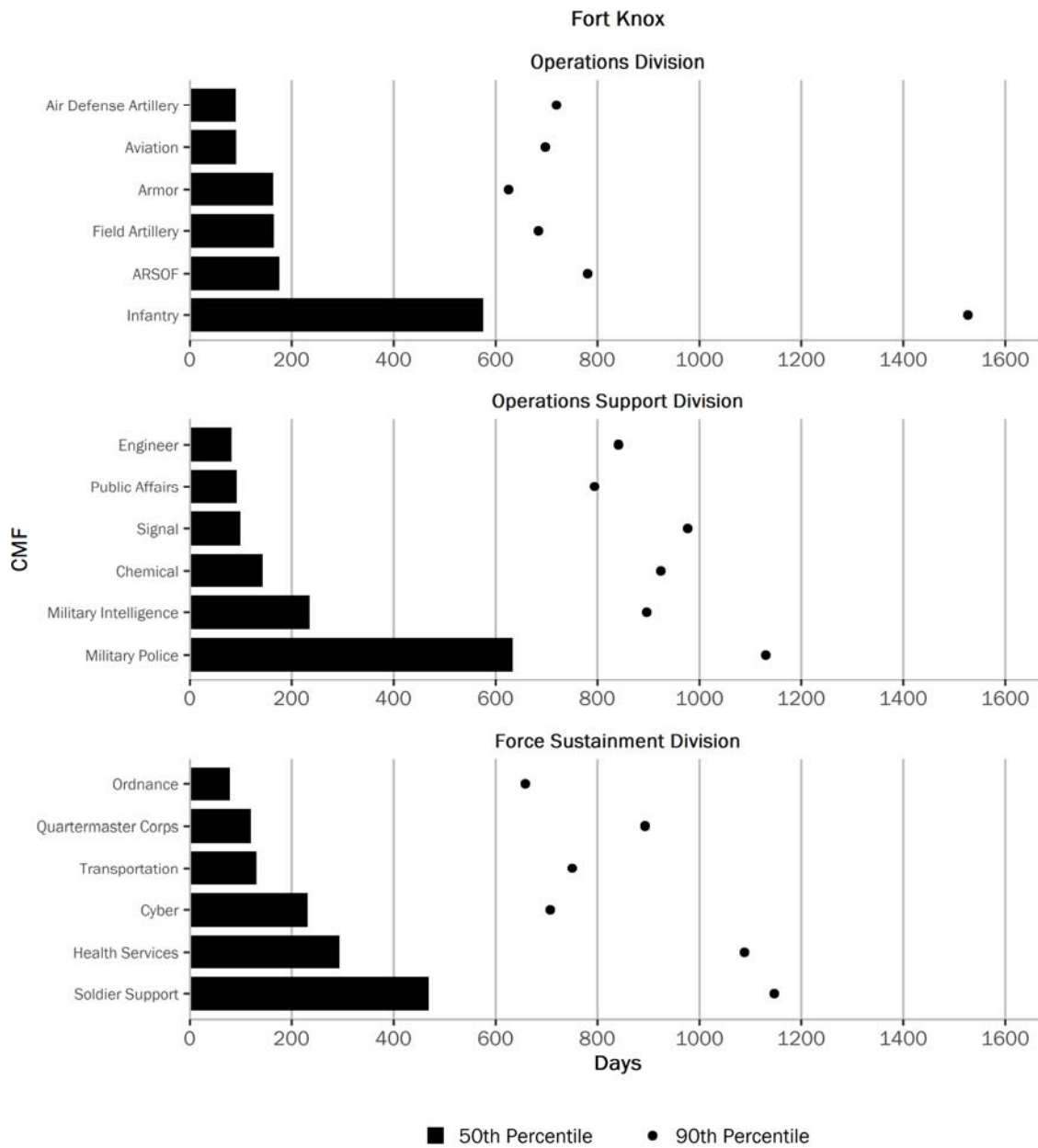


Figure 56. CMF Assignment Durations for Fort Knox

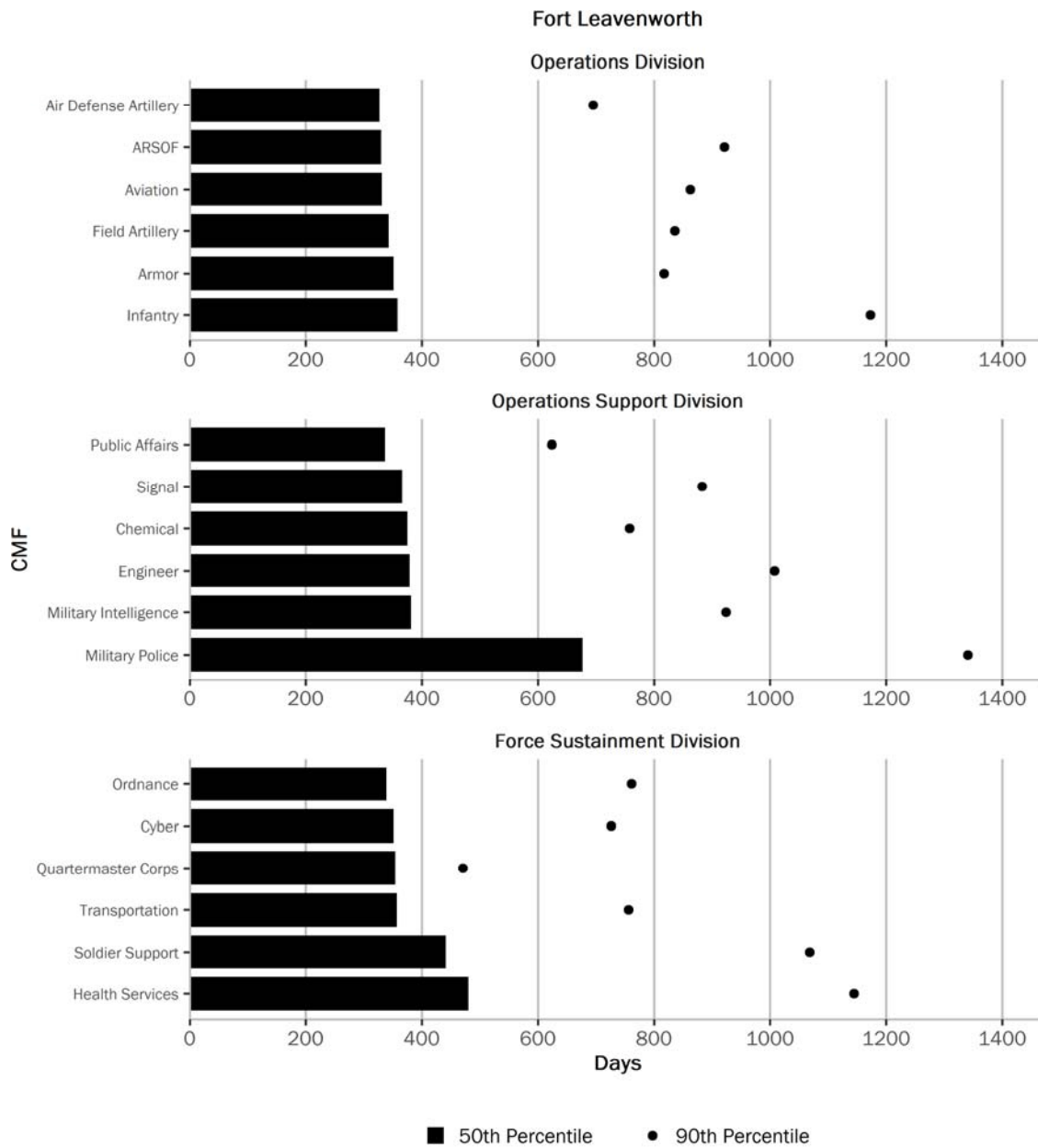
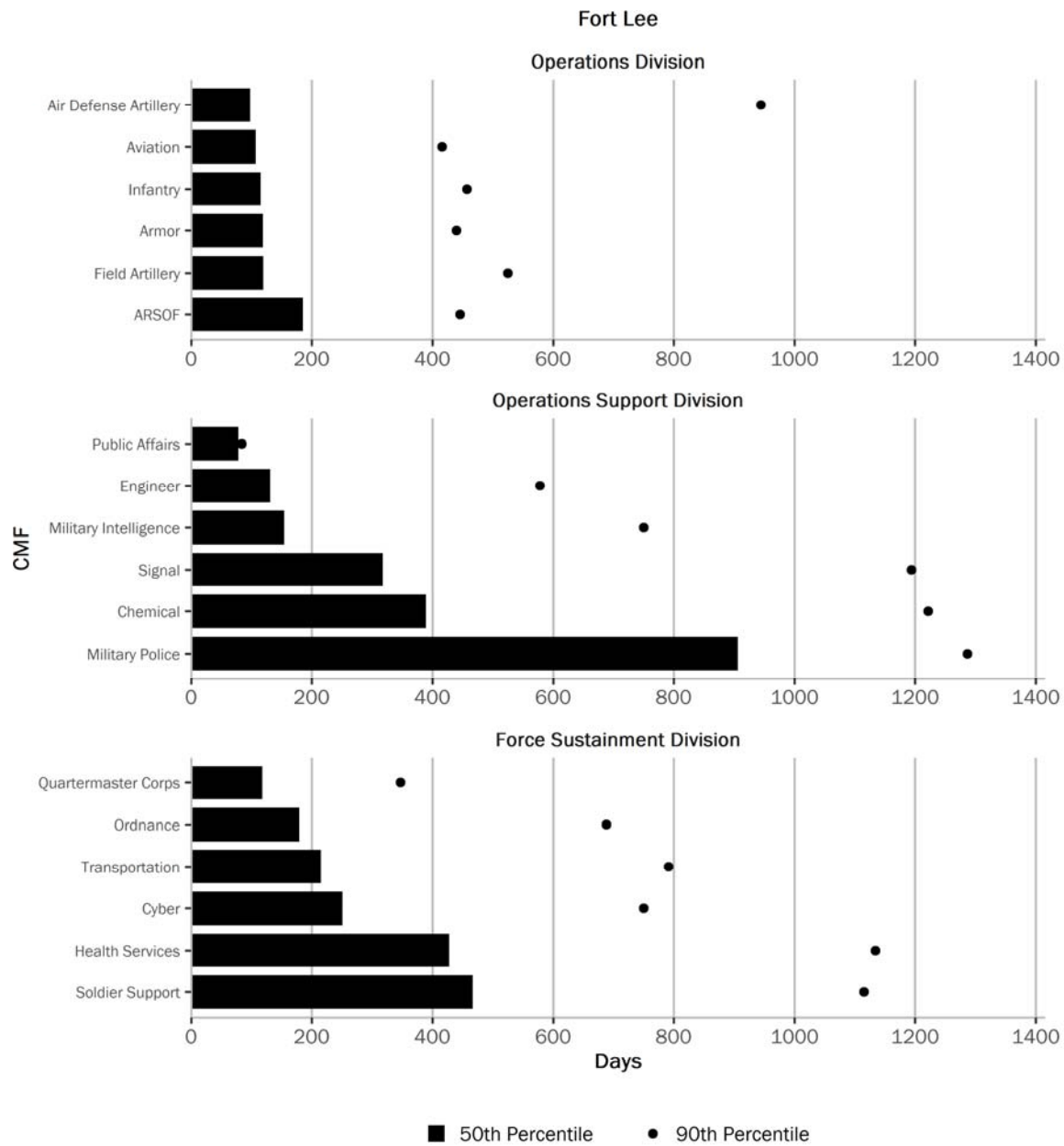
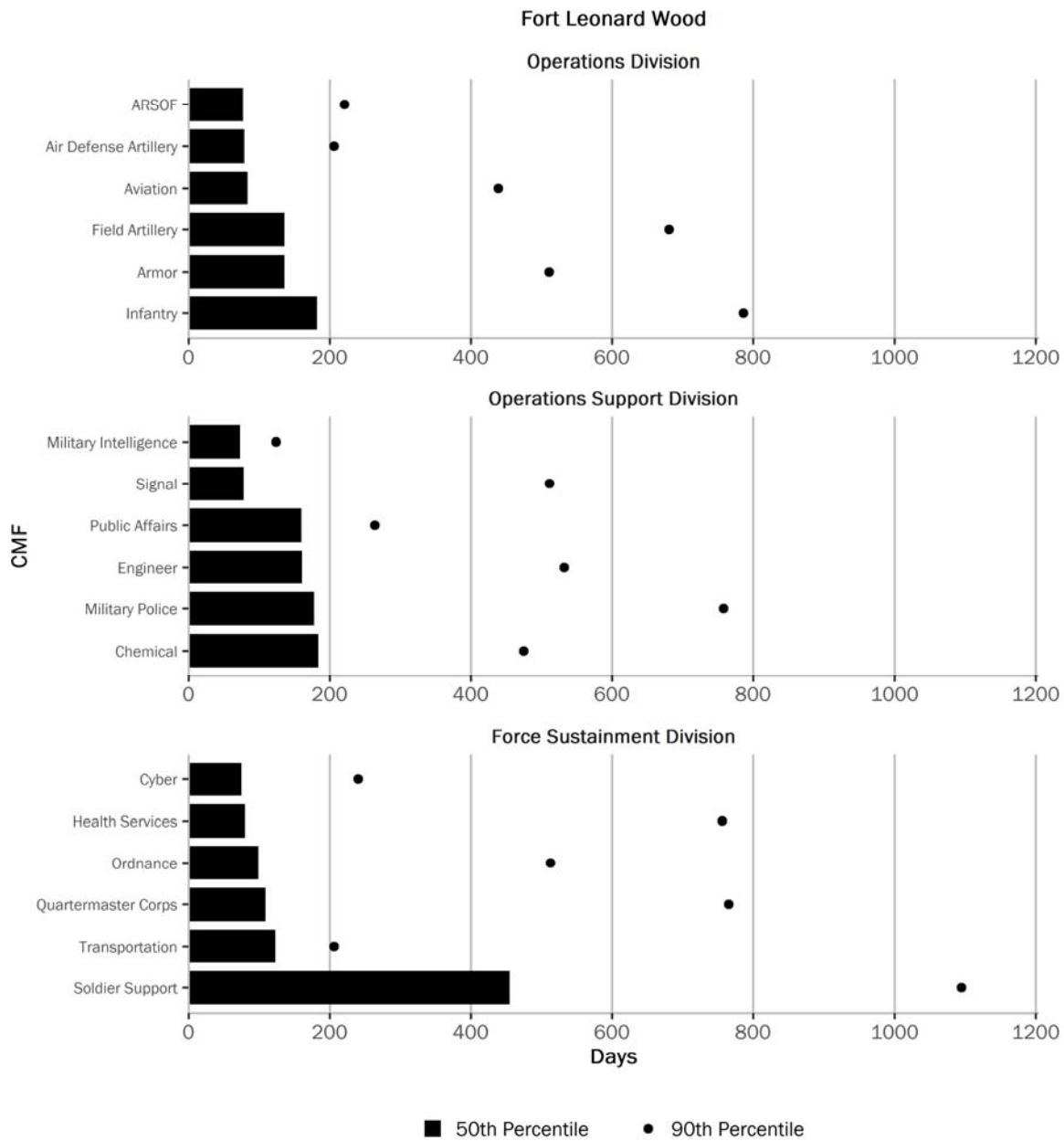


Figure 57. CMF Assignment Durations for Fort Leavenworth

**Figure 58. CMF Assignment Durations for Fort Lee**

**Figure 59. CMF Assignment Durations for Fort Leonard Wood**

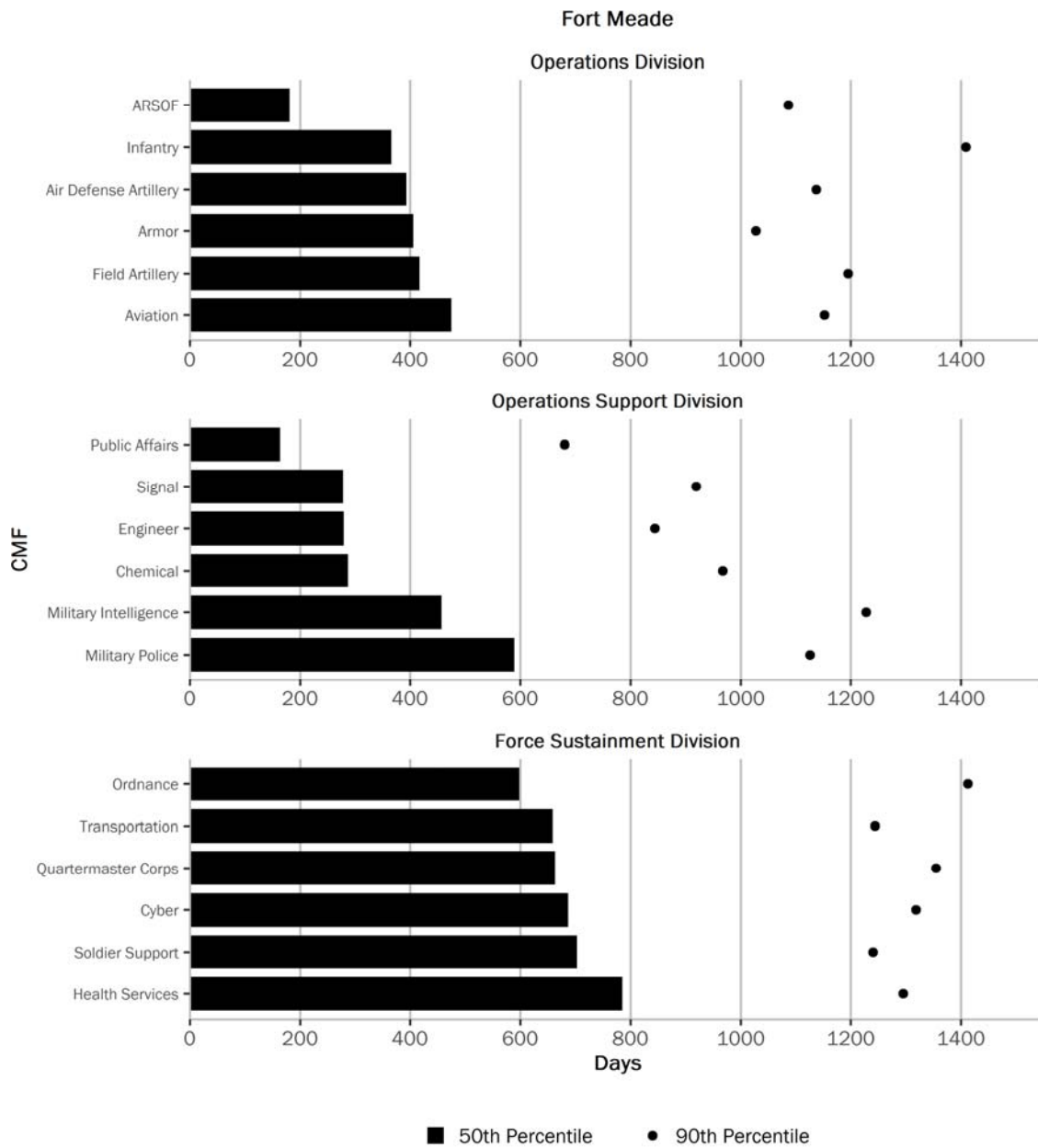
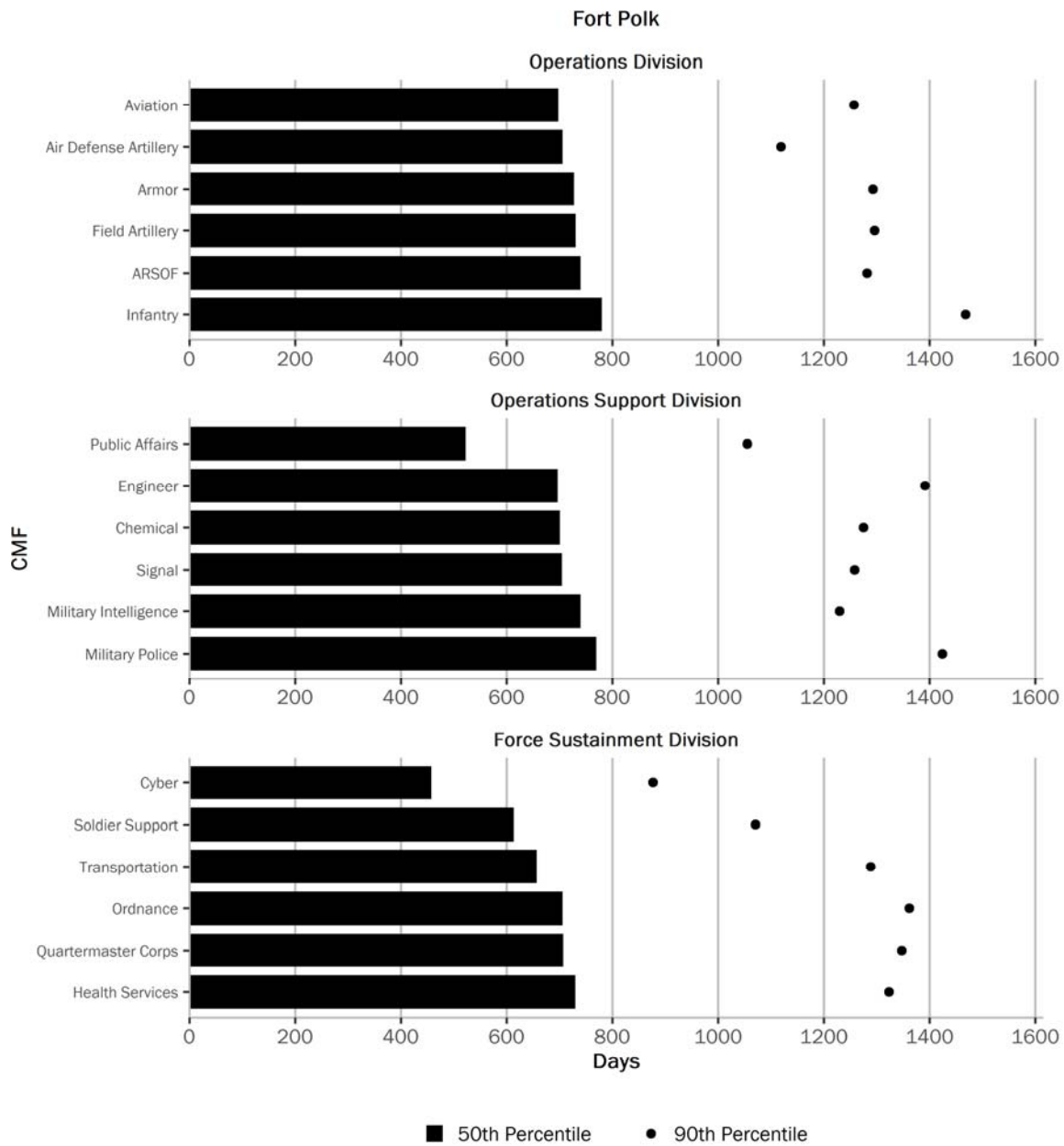


Figure 60. CMF Assignment Durations for Fort Meade

**Figure 61. CMF Assignment Durations for Fort Polk**

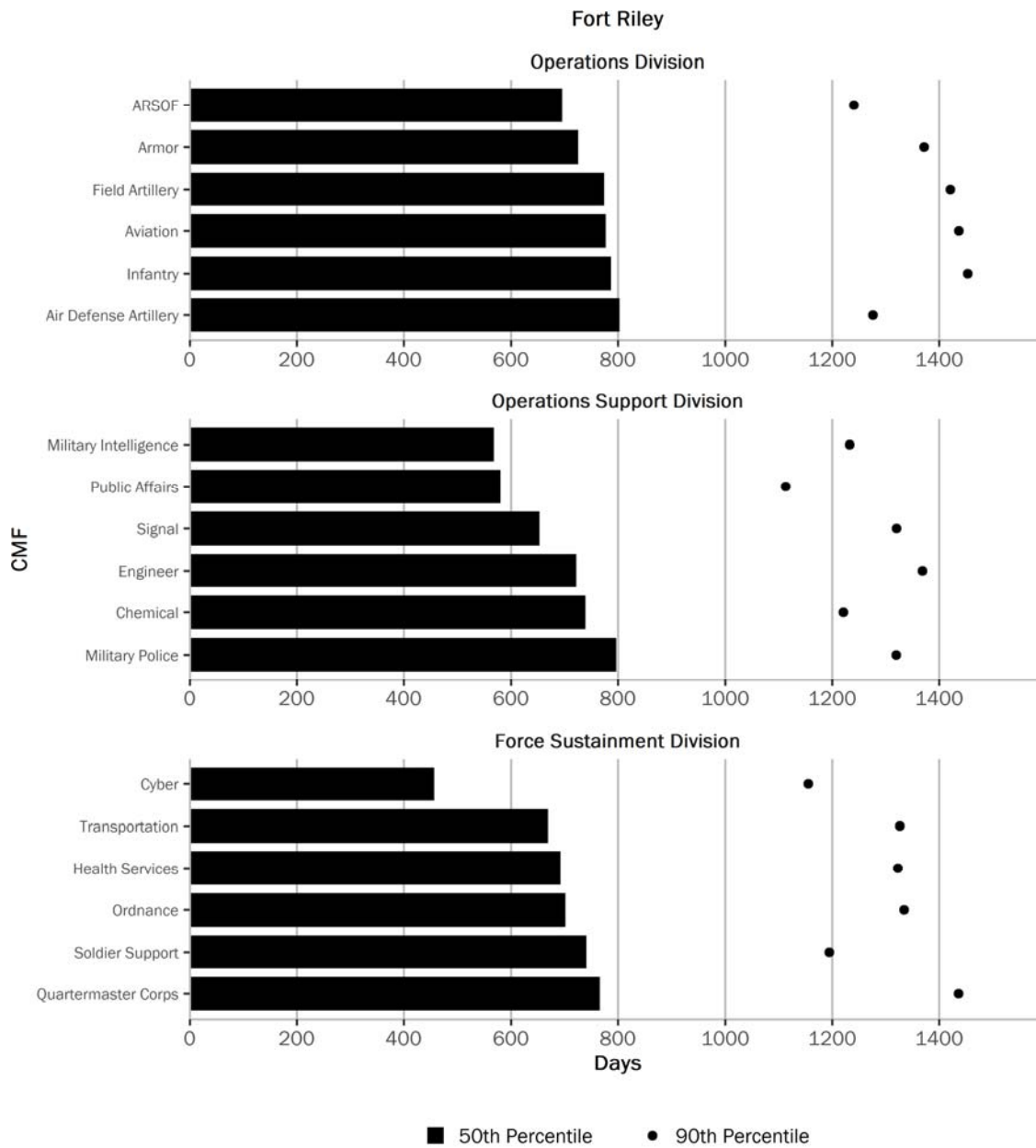
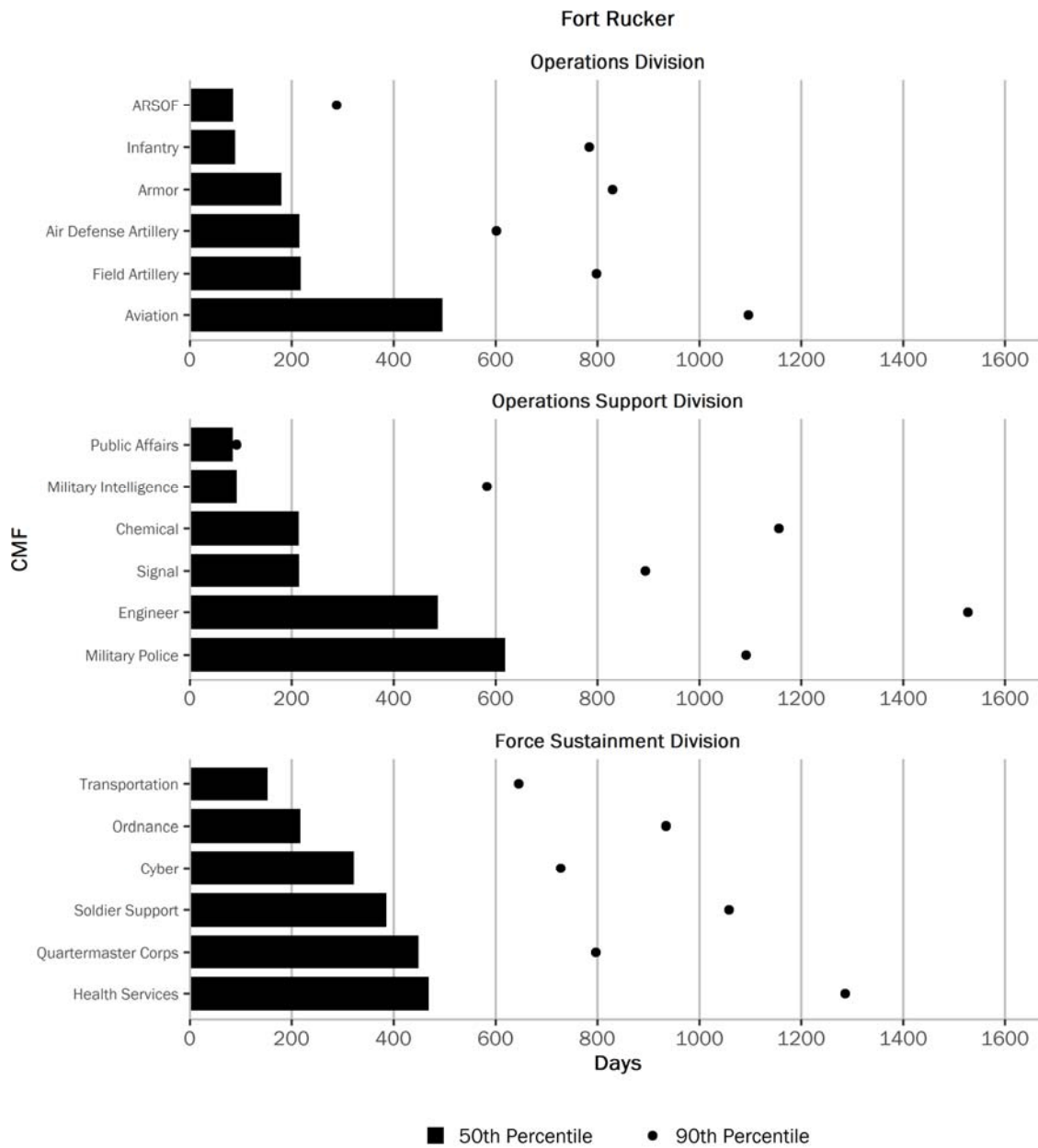


Figure 62. CMF Assignment Durations for Fort Riley

**Figure 63. CMF Assignment Durations for Fort Rucker**

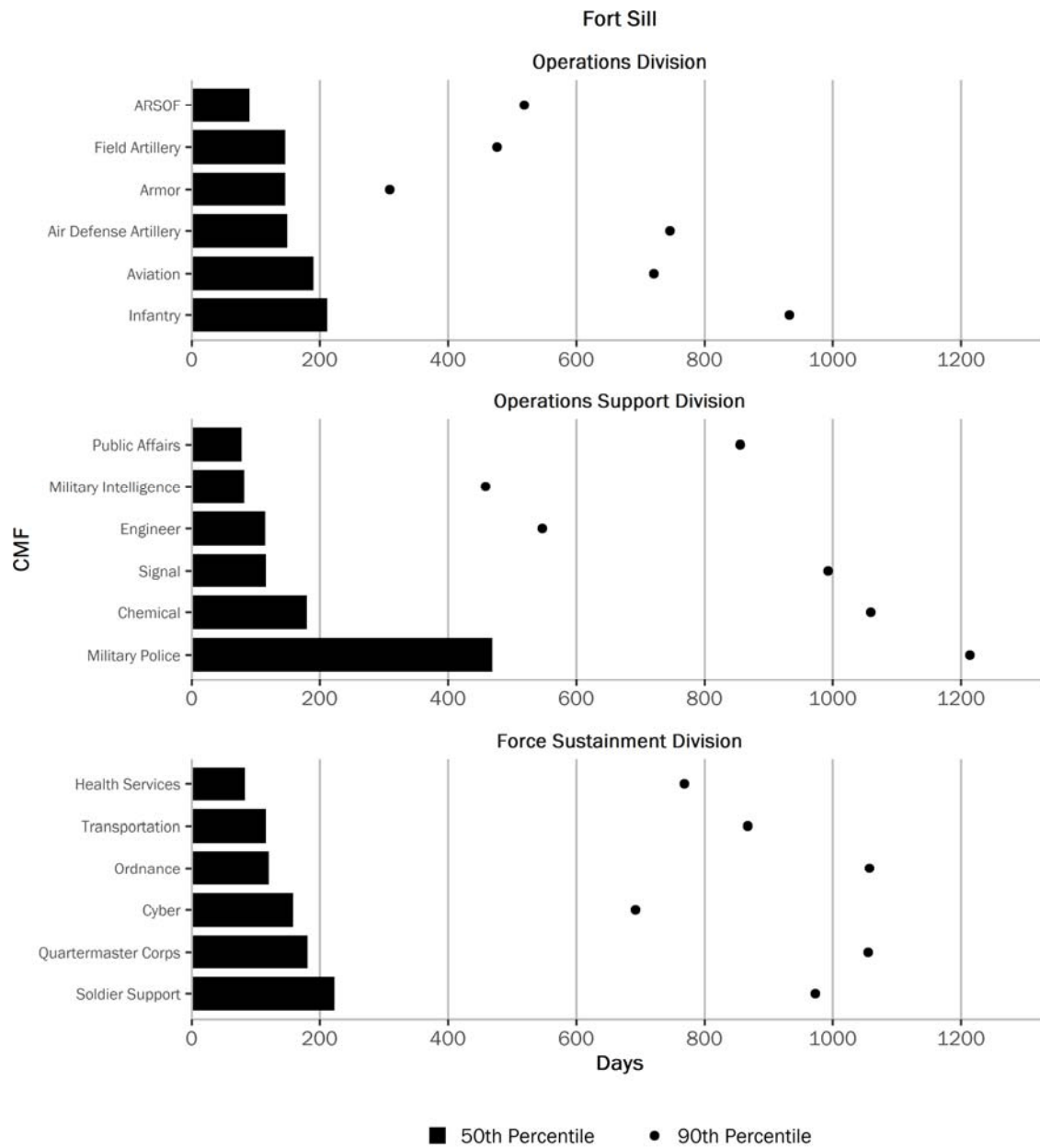


Figure 64. CMF Assignment Durations for Fort Sill

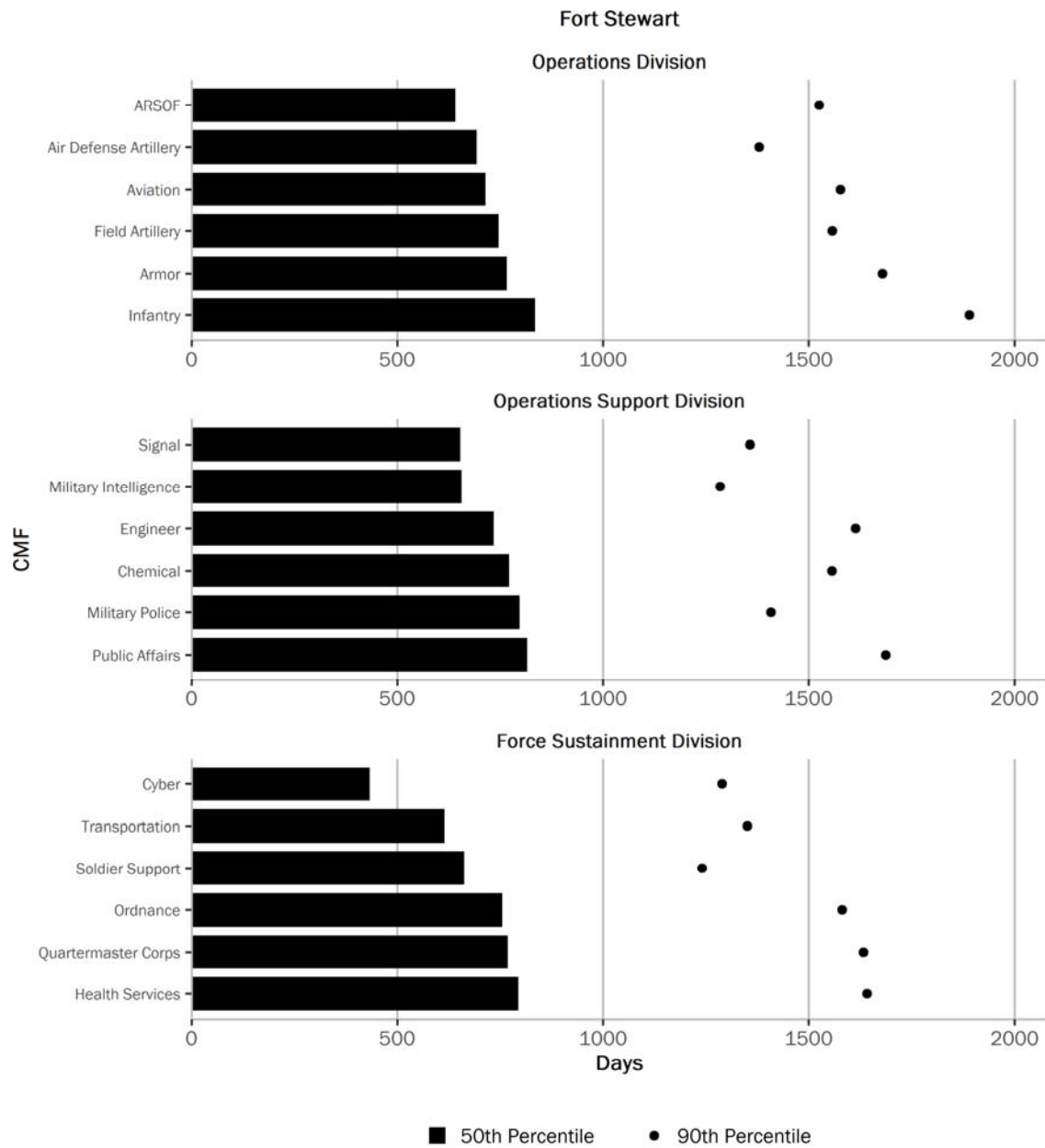


Figure 65. CMF Assignment Durations for Fort Stewart

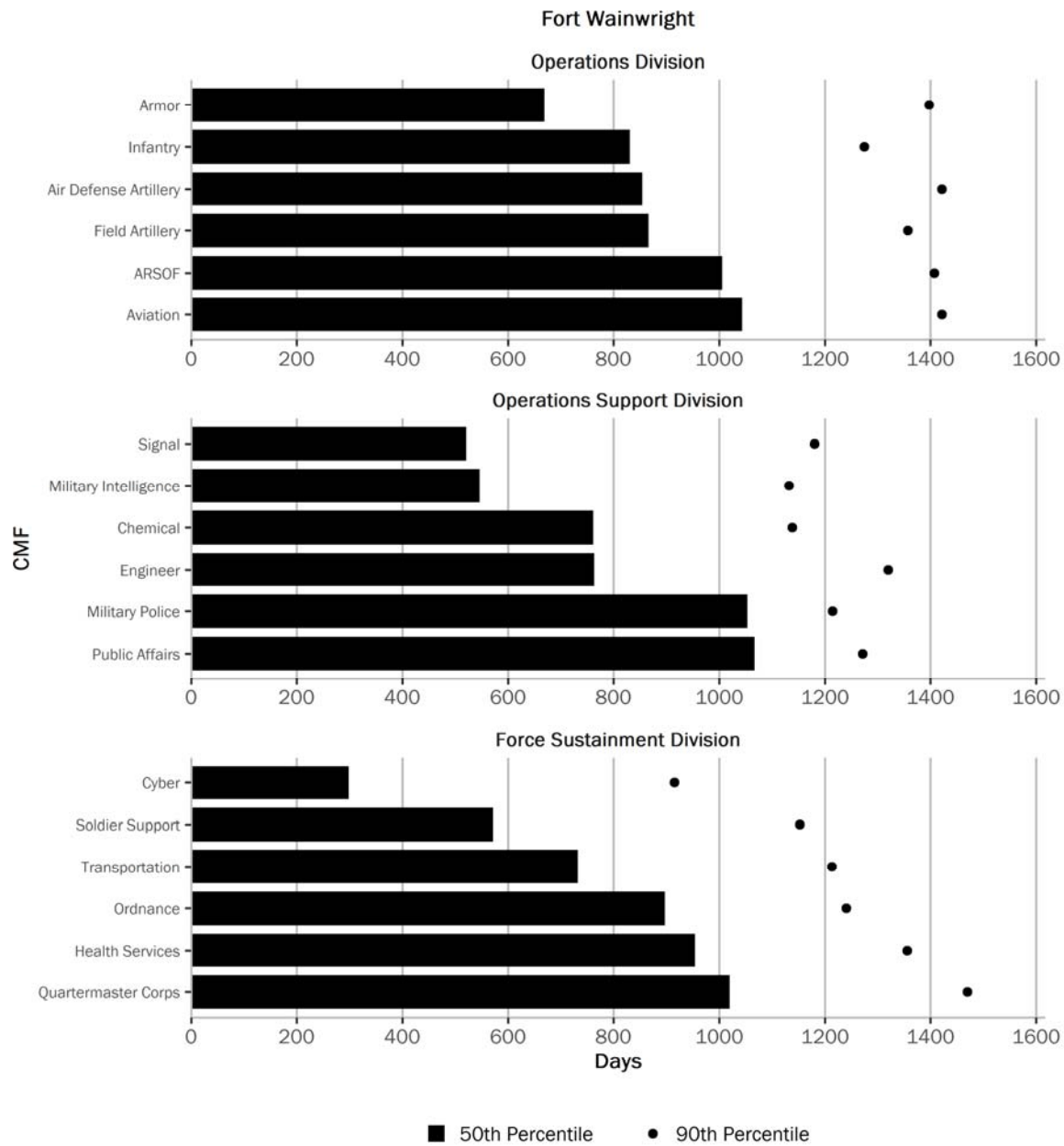
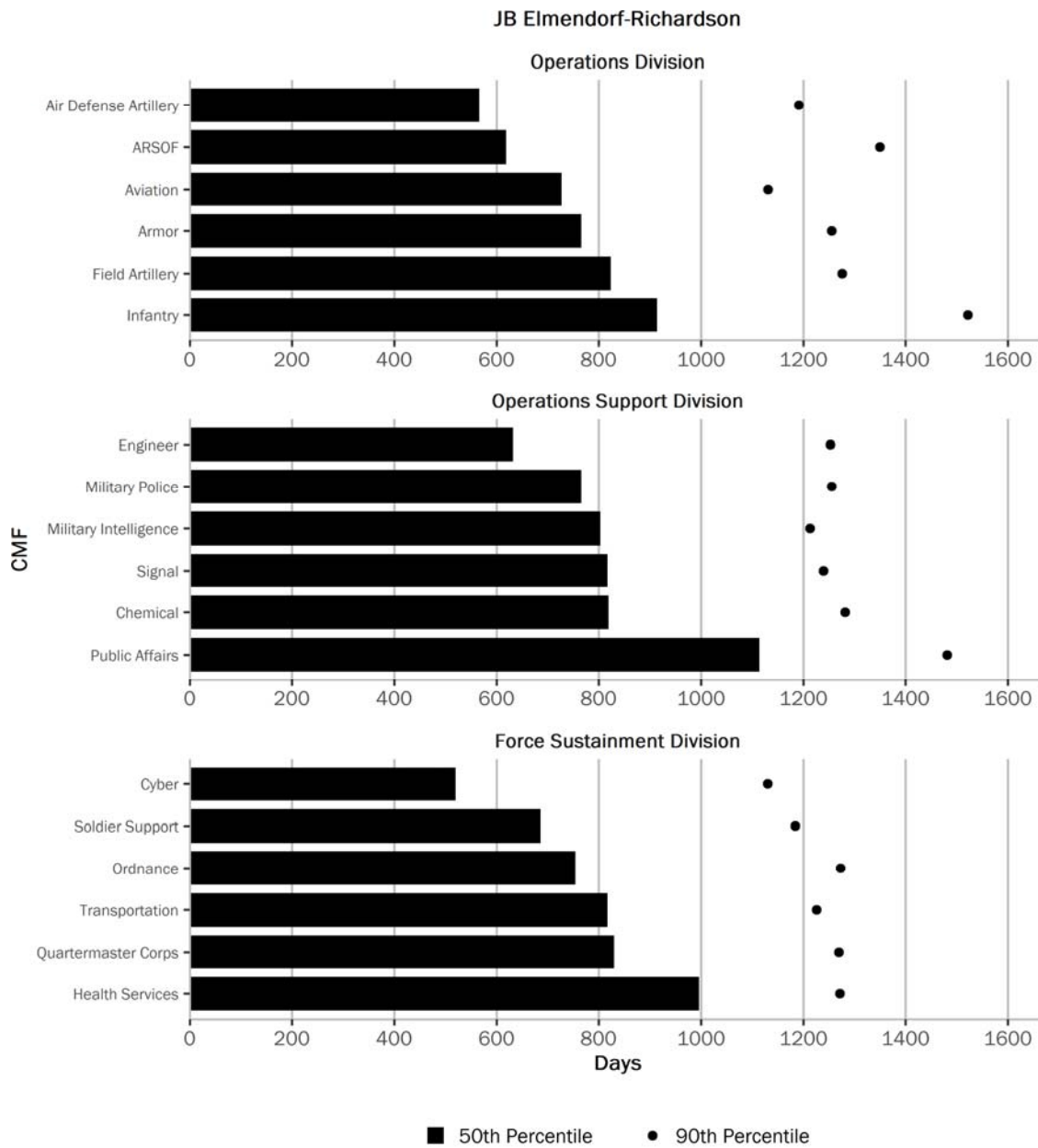


Figure 66. CMF Assignment Durations for Fort Wainwright

**Figure 67. CMF Assignment Durations for JB Elmendorf-Richardson**

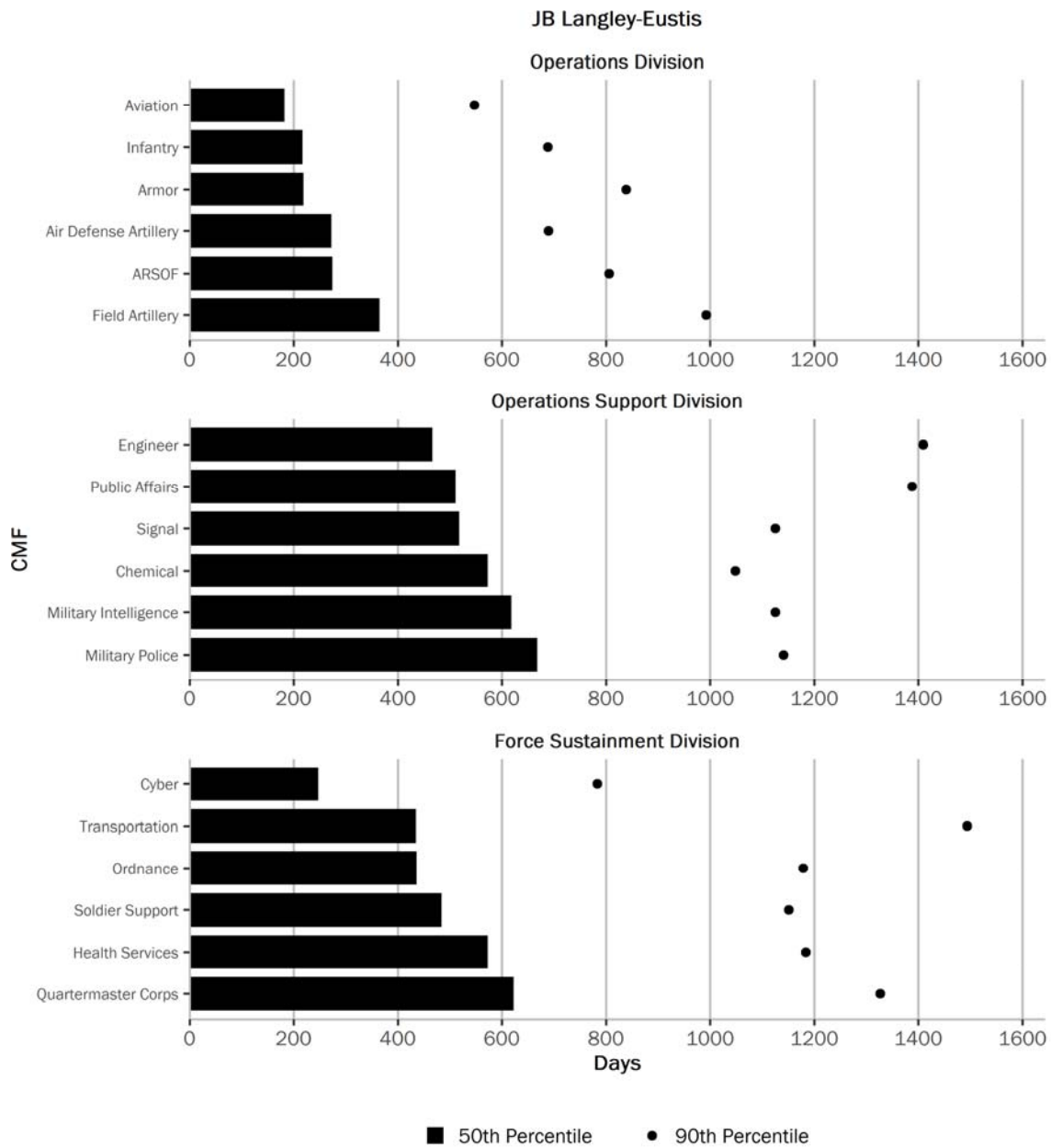


Figure 68. CMF Assignment Durations for JB Langley-Eustis

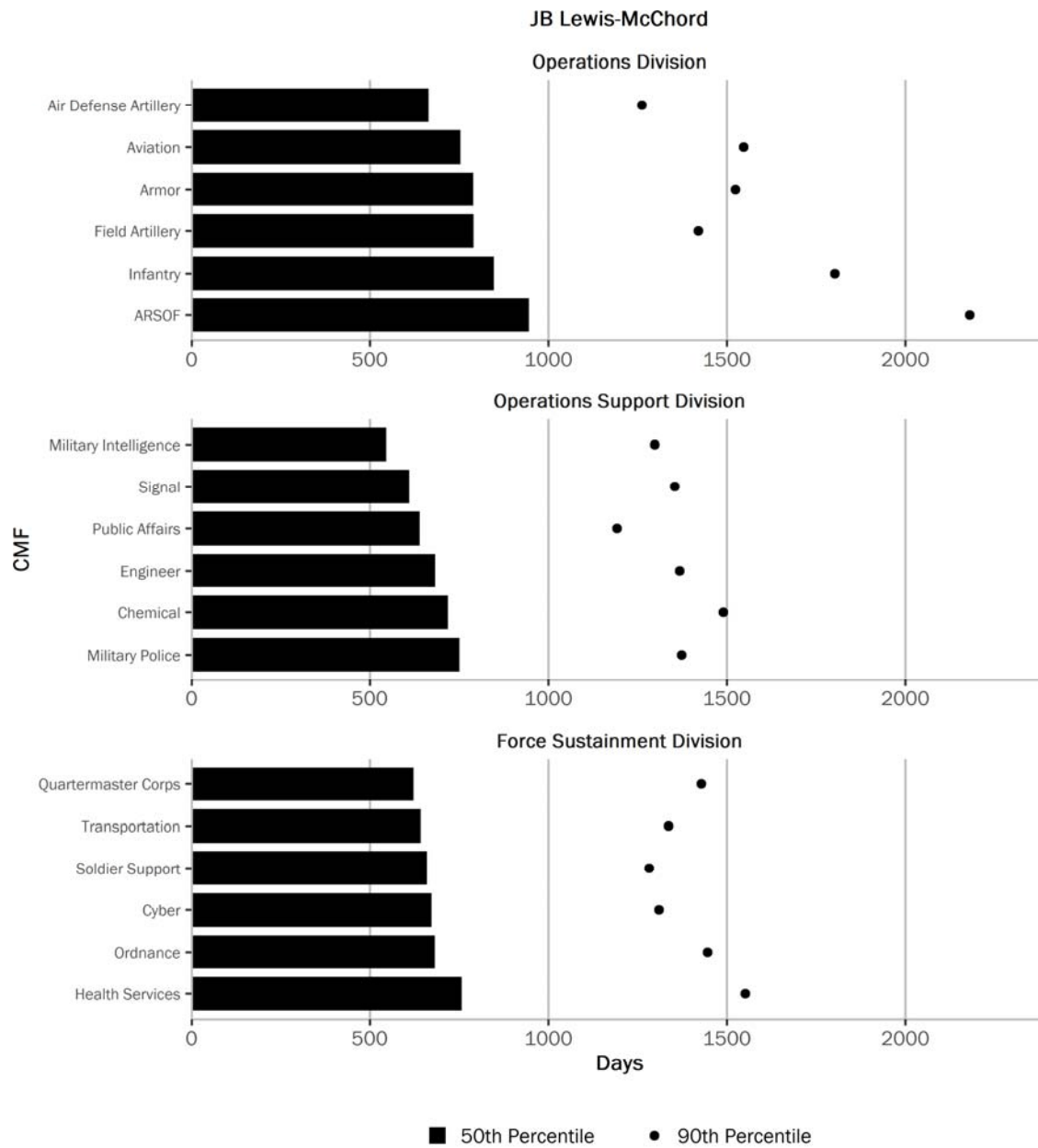


Figure 69. CMF Assignment Durations for JB Lewis-McChord

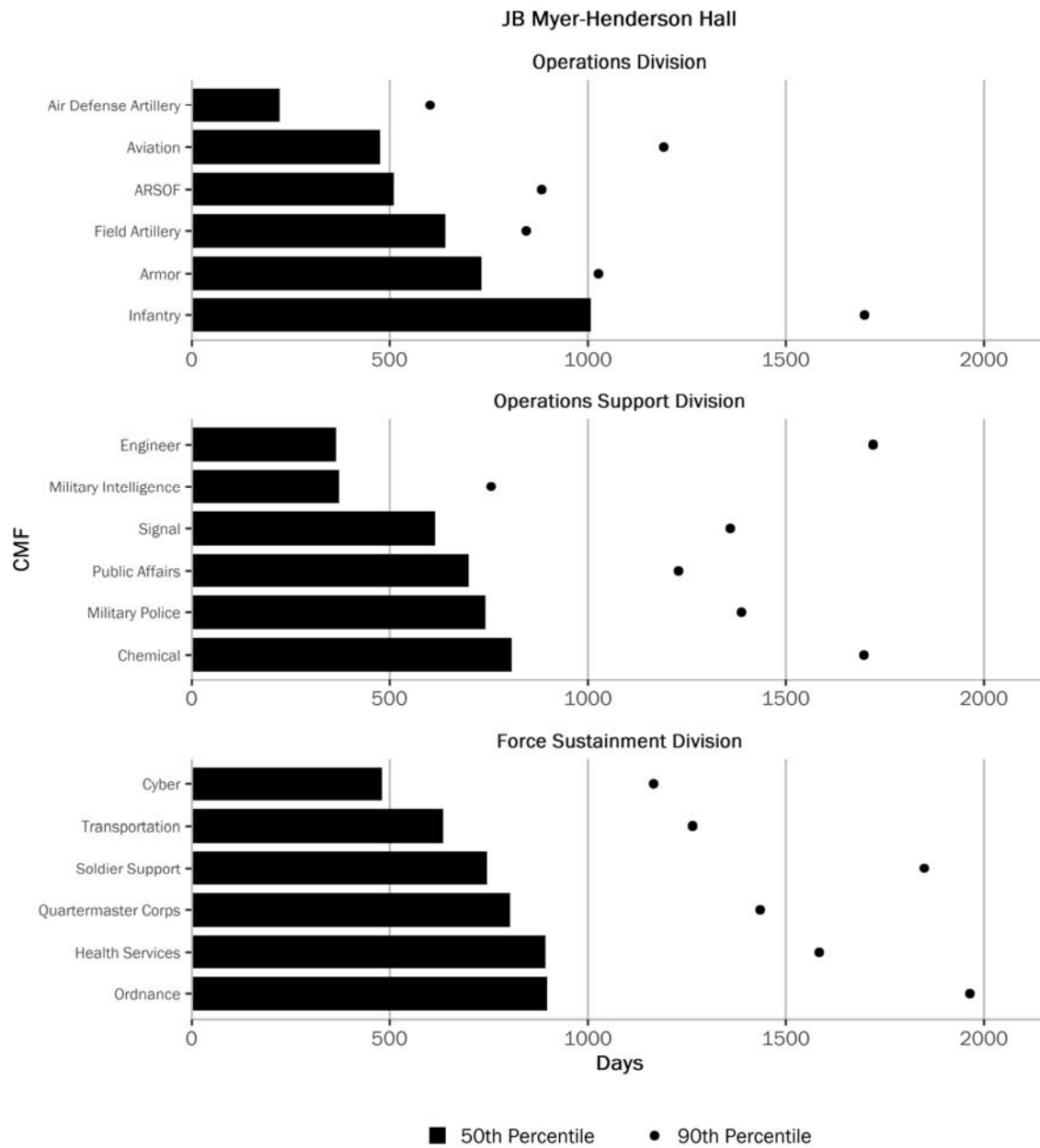


Figure 70. CMF Assignment Durations for JB Myer-Henderson Hall

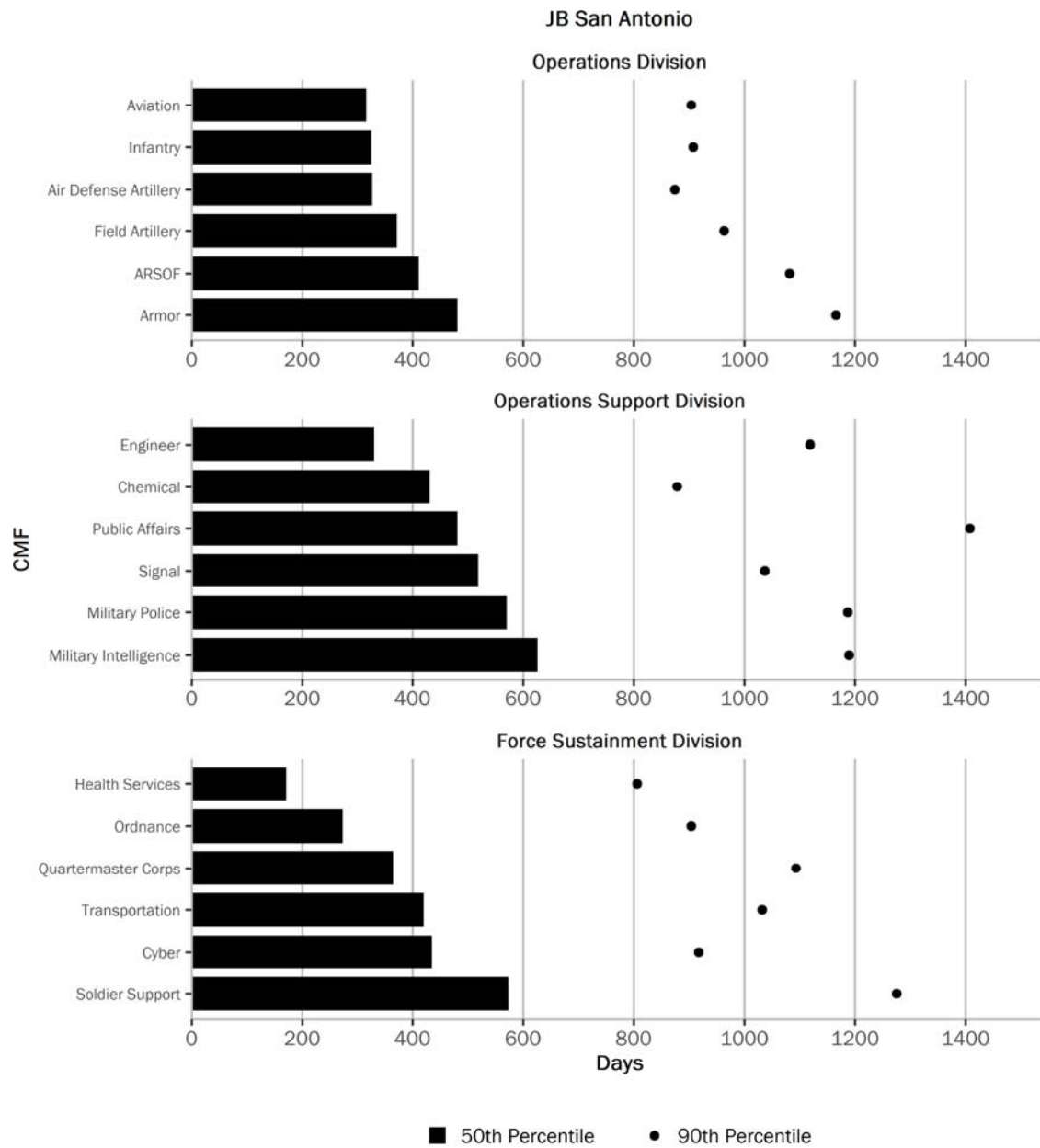
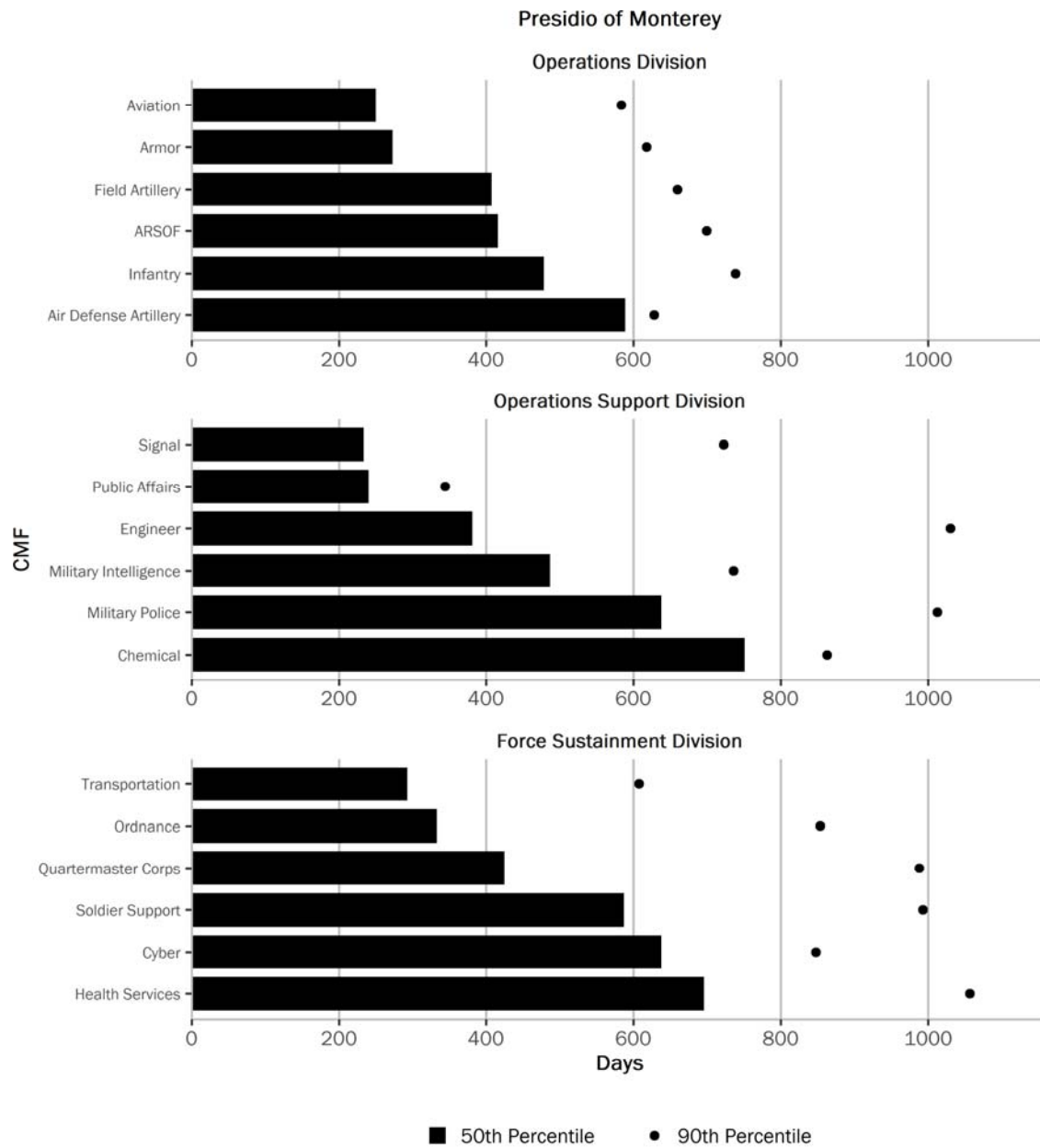
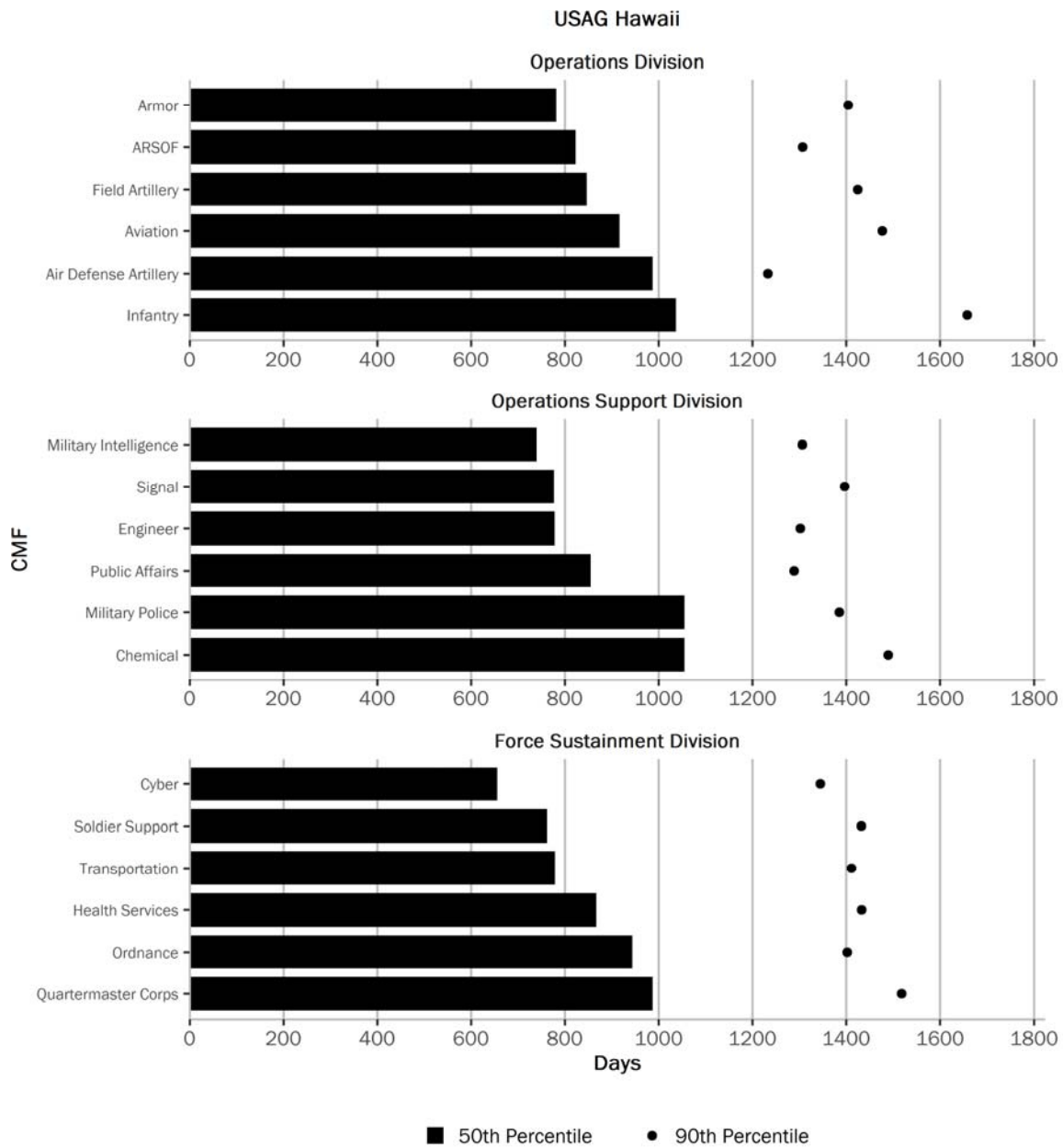
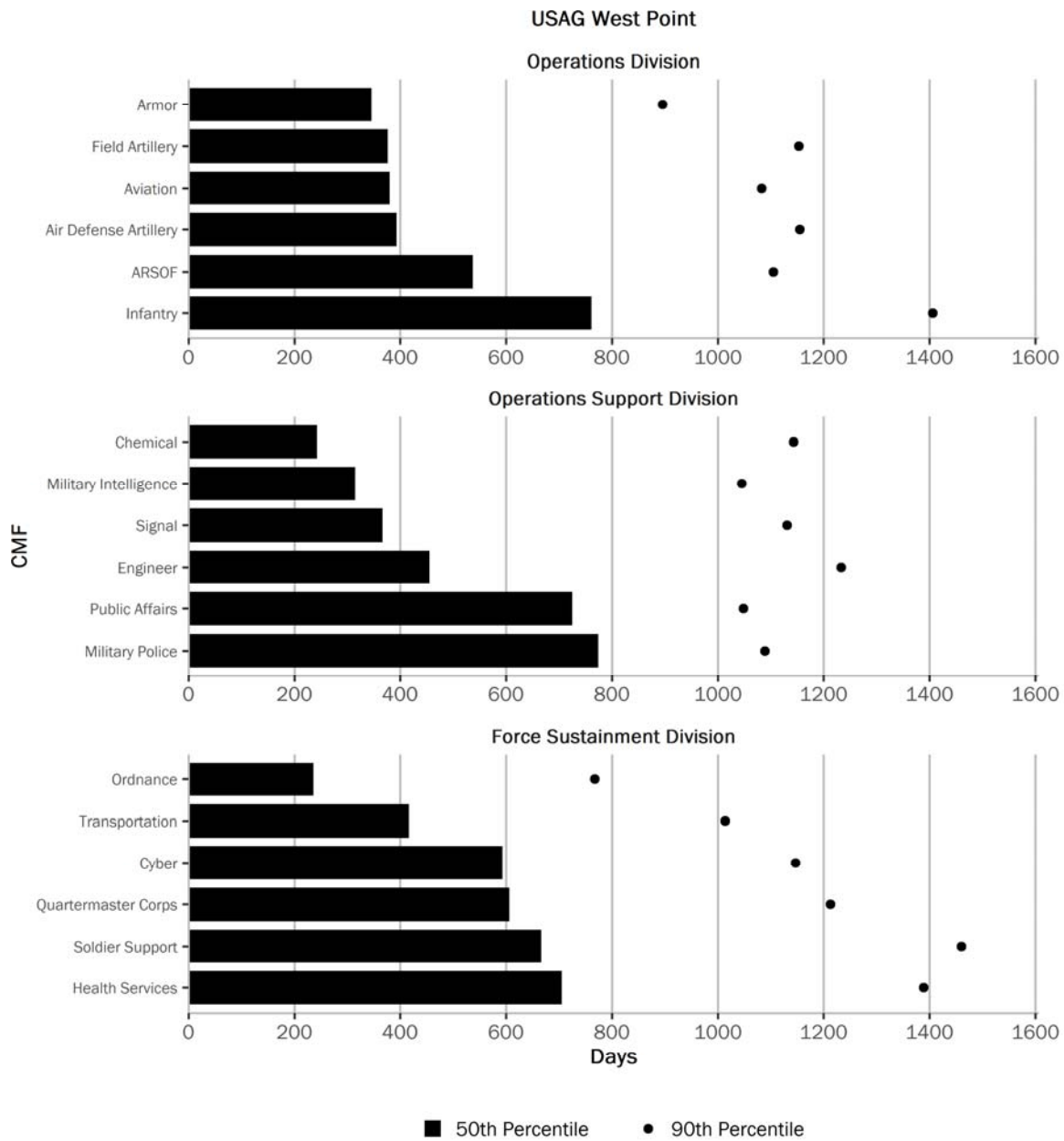


Figure 71. CMF Assignment Durations for JB San Antonio

**Figure 72. CMF Assignment Durations for Presidio of Monterey**

**Figure 73. CMF Assignment Durations for USAG Hawaii**

**Figure 74. CMF Assignment Durations for USAG West Point**

7.2 Assignment Path Analysis

The assignment path analysis focused on development of statistical descriptions of assignment durations at Army installations throughout time increments of military service (e.g., 5 years, 10 years). Key groupings of assignment paths were achieved by analyzing the duration of assignments at installations in chronological order from entry throughout specified increments of time. A combinatorial analyses approach evaluated assignment durations over time to generate groups of paths based on frequency of assignments at installations to determine a hierarchy of chronologically explicit assignment paths over a 5- or 10-year period. The resulting sequence of assignments and associated duration statistical descriptions provide common paths of assignments at installations during military service. The incremental assignment durations at a given installation over a period of time is the key metric for this analysis. The analysis is independent of progression in rank or changes in career management field over the period of an assignment path.

Based on previous screening of personnel assignment records (see paragraph 6.3), an additional subset of records was selected for the assignment path analysis based on completeness of assignment duration information in chronological order and that covered a minimum of 5 years of military service. Also, an assignment duration of a minimum of 30 days at a given installation was required for inclusion in this analysis. The resulting dataset of approximately 60,000 records provided the basis for the assignment path analysis.

7.2.1 5-Year Assignment Path Results

To determine most common assignment durations at installations for a 5-year period of military service, individual records were ordered chronologically to provide a sequence of assignments at installations and their corresponding lengths of time. The median duration (years) of assignment at each installation was calculated as the key metric and the results analyzed across 32 CONUS Army installations to generate common assignment paths.

Figure 75 shows the 25 most common paths based on the combination of assignment durations at installations for a 5-year period of military service. For a 5-year period of military service, the most common assignment path is the combination of Fort Benning (0.8 years) followed by Fort Bragg (4.2 years) for duty assignment (9.2% of total paths). The second most common assignment path is 5-year assignment at Fort Benning and the third most common assignment path is Fort Bragg (5 years). The fourth and fifth most common assignment paths consist of 0.5 years at Fort Leonard Wood and 0.5 years at Fort Sill followed by 4.5 years at Fort Bragg for a 5-year period as shown in Figure 75. (Note: Table B-3 shows the percent of total paths for the 25 assignment paths shown in Figure 75. There are numerous other assignment paths not shown in the figure with each path < 1.5% of the total paths). Overall, these assignment paths and their associated temporal metrics at installations provides foundation information on the common assignment paths of Army personnel for a variety of assessments including those by human resource planners and environmental health specialists.

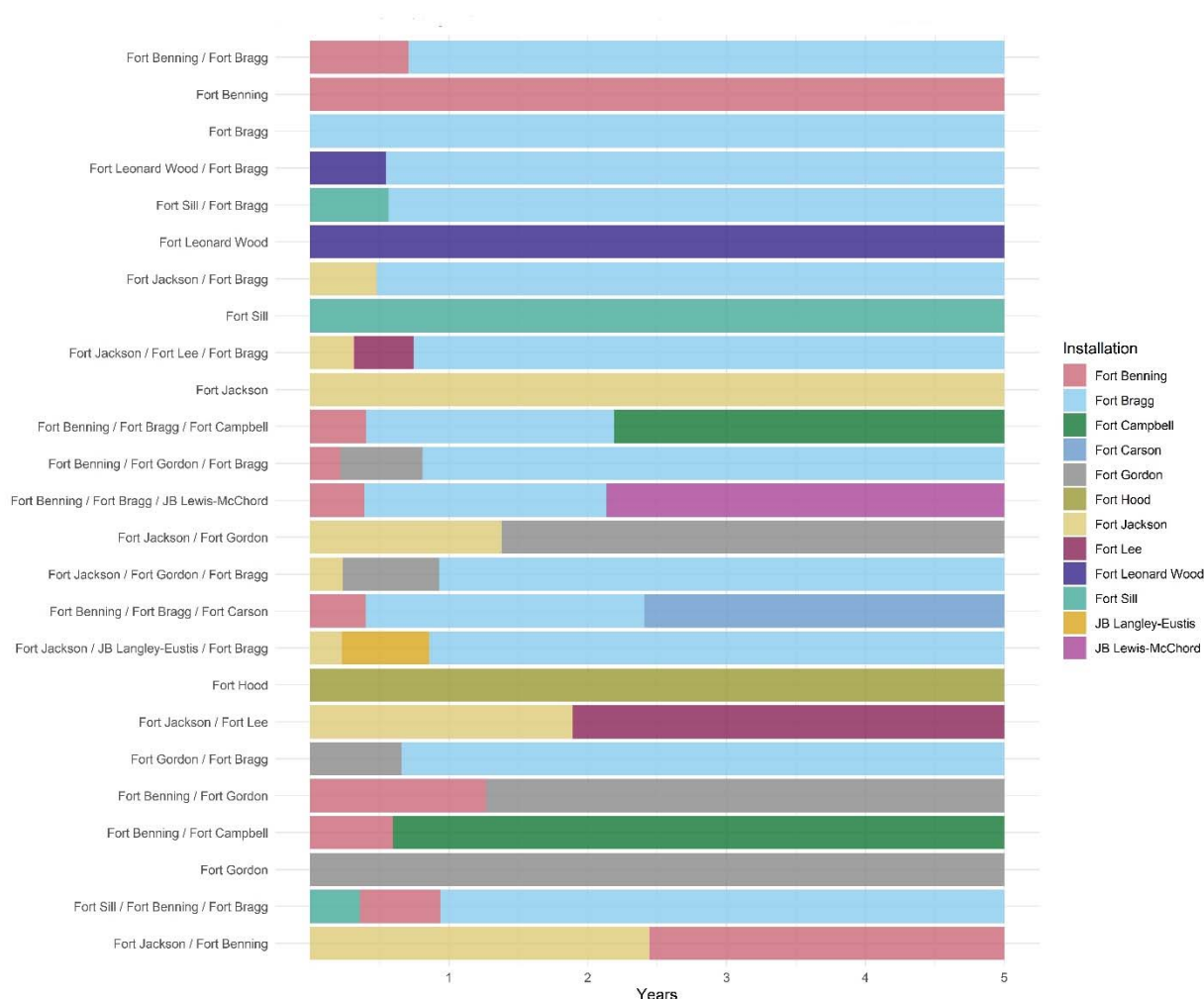


Figure 75. Assignment Paths for 5-Year Period of Military Service
(Ordered by most common)

7.2.2 10-Year Assignment Path Results

To determine most common assignment durations at installations for a 10-year period of military service, individual records were ordered chronologically to provide a sequence of assignments at installations and their corresponding lengths of time. The median duration (years) of assignment at each installation was calculated as the key metric and the results analyzed across 32 CONUS Army installations to generate common assignment paths.

Figure 76 shows the 25 most common assignment paths based on the combination of assignment durations at installations for a 10-year period of military service. For a 10-year period of military service, the most common assignment path is the combination of Fort Benning (1.7 years) followed by Fort Bragg (8.3 years) of duty assignments (5.3% of total paths). The

second most common assignment path is 10-year duration at Fort Benning (4.7% of total) and the third most common assignment path is Fort Bragg (3.3% of total). The fourth most common assignment path is the combination of Fort Benning (0.5 year) followed by Fort Bragg (6.5 years) then back to Fort Benning (3 years). The fifth most common assignment path is the combination of Fort Benning (0.5 year) followed by Fort Bragg (3 years) followed by JB Lewis-McChord (6.5 years). The 12th most common assignment path is the combination of Fort Benning (0.5 year) followed by Fort Bragg (2 years) followed by Fort Campbell (4.5 years) and then back to Fort Bragg (3 years). (Note: Table B-3 shows the percent of total paths for the 25 assignment paths shown in Figure 76. There are numerous other assignment paths not shown in the figure with each path < 1.5% of the total paths). Overall, these assignment paths and their associated temporal metrics at installations for a 10-year period of military service provide foundational data to support a variety of assessments including those by human resource planners and environmental health specialists.

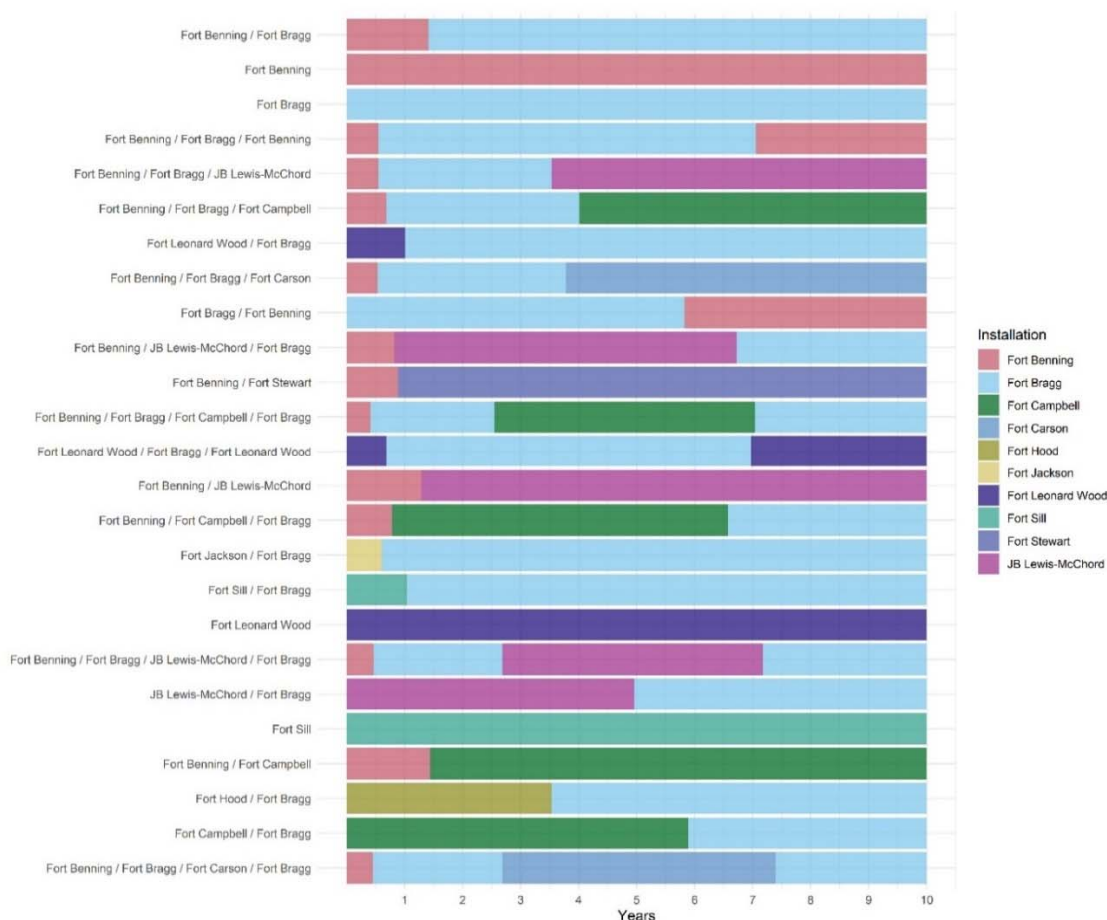


Figure 76. Assignment Paths for 10-Year Period of Military Service
(Ordered by most common)

7.2.3 Total Time Assigned at Installations

Assignment path analysis also included evaluation of the total time personnel are stationed at each of the 32 CONUS Army installations in this study. The assignment path dataset was statistically analyzed to determine median assignment durations at each installation for the total length of military service. Figure 77 is a plot of the statistical descriptions of the total time stationed at each of the 32 CONUS Army installations in this study. Results are presented as box plots with the median number of years stationed at that installation as the vertical line in the box with quartiles at each end of the box. The circles on the plot are statistical outliers but indicate the total length of time some personnel spend at each installation. The installations in Figure 77 are listed in descending order of median time personnel are stationed at each installation with the longest median time at the top. The longest median assignment duration for this study was at Fort Bragg with median time of 2.8 years when considering the total period of military service (Figure 77). Also, some personnel spend more than 15 years at Fort Bragg, Fort Campbell, JB Lewis-McChord, and Fort Bliss as some personnel have multiple assignments at a given installation. Multiple assignments at an installation are included in the total time at an installation. The shortest median assignment duration for this study was at Fort Jackson with median time spent of 0.5 year when considering the total period of military service.



7.3 Supporting Information

- Information and data on deployed personnel were not included in the assignment duration analyses for this study. As the primary data for this study covered the period of 2000–2018, there are known data quality issues with the Contingency Tracking System that precluded accurate identification of deployment durations. Considering the inability to account for deployment durations in the PTIP analyses may result in assignment durations at some CONUS installations being longer at those installations and some of the duration statistical descriptions will tend to be conservative.
- As all analyses for this study are maintained in APHC-PTIP work area within PDE, the project-specific datasets, analyses, and results are available to support other studies conducted by Army or DOD programs.
- Table B-1 presents the summary statistics of personnel assignment durations by Army rank groups for 32 CONUS Army installations. Table B-2 presents the summary statistics of personnel assignment durations by Army CMF for 32 CONUS Army. Table B-3 presents the summary statistics for assignment path analysis.

8. CONCLUSIONS

8.1 Installation Level Analysis

Statistical descriptions of personnel assignment durations at 32 CONUS Army installations were developed in several formats to provide temporal metrics for groups of Army personnel. The 50th percentile metric represents the assignment duration (median number of days) that personnel in groups aggregated by rank and career management field spend at each installation. Likewise, other assignment duration percentiles (90th) represent the length of time groups aggregated by rank and career management field spend at that installation. Statistical descriptions also include quartiles of assignment durations. The resulting temporal metrics of personnel assignment durations at the installation level provide foundational data to support a variety of assessments including those by human resource planners and environmental health specialists.

8.2 Assignment Path Analysis

Assignment path analysis developed statistical descriptions of assignment durations at Army installations throughout time increments of military service (e.g., 5 years, 10 years). Key groupings of assignment paths were achieved by analyzing the duration of assignments at installations in chronological order from entry throughout specified increments of time. A combinatorial analyses approach evaluated assignment durations over time to generate groups of paths based on frequency of assignments at installations to determine a hierarchy of chronologically explicit assignment paths over a 5- or 10-year period of military service. The resulting sequence of assignments and associated duration statistical descriptions provide common paths of assignments at installations during military service.

APPENDIX A

REFERENCES

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APPENDIX B
SUMMARY STATISTICS

Table B-1. Personnel Assignment Duration Summary Statistics by Army Rank Groups for 32 CONUS Army Installations

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Aberdeen Proving Ground	Enlisted (E1–E4)	21	101	111	118	128	137	147	157	172	199	2748	2972	128
Aberdeen Proving Ground	Enlisted (E5–E6)	1	135	243	369	467	598	708	821	946	1220	2429	491	427
Aberdeen Proving Ground	Enlisted (E7 and above)	22	208	329	484	614	731	823	973	1095	1256	2286	270	426
Aberdeen Proving Ground	Officer (O1–O3)	31	118	202	355	425	590	653	769	912	1073	2145	194	398
Aberdeen Proving Ground	Officer (O4–O6)	45	166	305	481	605	726	772	895	1020	1253	3195	132	482
Aberdeen Proving Ground	Officer (O7 and above)	66	222	313	414	570	696	768	885	1134	1295	1797	116	420
Aberdeen Proving Ground	Warrant Officer (W1–W5)	92	129	140	174	203	258	499	576	732	848	1623	102	356
Fort Belvoir	Enlisted (E1–E4)	49	150	205	275	323	381	455	595	758	1006	1721	380	338
Fort Belvoir	Enlisted (E5–E6)	6	180	293	383	440	523	649	763	930	1193	4355	930	440
Fort Belvoir	Enlisted (E7 and above)	51	239	365	437	547	680	798	939	1103	1317	2177	533	431
Fort Belvoir	Officer (O1–O3)	1	134	258	334	399	473	576	686	782	1036	1885	331	345
Fort Belvoir	Officer (O4–O6)	41	124	231	359	423	523	683	752	848	1152	2427	400	424
Fort Belvoir	Officer (O7 and above)	30	120	291	371	422	558	728	896	1100	1364	2922	201	512
Fort Belvoir	Warrant Officer (W1–W5)	1	137	274	401	526	669	758	914	1031	1231	2390	258	434
Fort Benning	Enlisted (E1–E4)	1	61	72	98	125	139	153	172	196	264	4043	63813	166
Fort Benning	Enlisted (E5–E6)	1	92	156	274	400	533	671	788	955	1240	5647	7298	485
Fort Benning	Enlisted (E7 and above)	1	131	273	387	490	624	743	851	1057	1307	2831	2287	466
Fort Benning	Officer (O1–O3)	1	156	189	214	245	276	313	363	440	652	3136	7924	260
Fort Benning	Officer (O4–O6)	2	127	266	364	401	477	624	753	899	1150	2375	463	405
Fort Benning	Officer (O7 and above)	2	128	274	340	452	697	736	786	1000	1187	2900	204	443
Fort Benning	Warrant Officer (W1–W5)	10	148	290	387	476	584	671	756	961	1268	1966	236	423
Fort Bliss	Enlisted (E1–E4)	1	87	118	160	192	272	341	403	526	731	3707	6863	302
Fort Bliss	Enlisted (E5–E6)	2	148	250	339	434	535	654	785	931	1204	3987	4520	455
Fort Bliss	Enlisted (E7 and above)	1	273	323	340	355	376	413	561	817	1113	3255	2799	398
Fort Bliss	Officer (O1–O3)	1	153	230	317	399	507	638	747	882	1028	3423	1645	390
Fort Bliss	Officer (O4–O6)	22	131	328	444	592	713	803	940	1094	1276	3100	309	466
Fort Bliss	Officer (O7 and above)	1	242	375	474	571	701	754	826	1062	1157	3317	151	517
Fort Bliss	Warrant Officer (W1–W5)	29	176	257	340	457	573	665	789	946	1219	2371	515	421
Fort Bragg	Enlisted (E1–E4)	1	93	165	186	273	341	366	457	574	821	6247	301150	350
Fort Bragg	Enlisted (E5–E6)	1	169	273	365	460	594	730	875	1093	1385	7015	104219	528
Fort Bragg	Enlisted (E7 and above)	0	269	442	617	766	927	1097	1290	1583	2099	7433	28287	776
Fort Bragg	Officer (O1–O3)	1	156	250	333	425	546	638	734	912	1191	4629	30748	448
Fort Bragg	Officer (O4–O6)	1	181	343	448	623	744	865	1070	1224	1523	6027	5328	546

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Bragg	Officer (O7 and above)	1	226	373	495	674	766	943	1106	1357	1738	4985	2893	664
Fort Bragg	Warrant Officer (W1–W5)	1	166	291	448	579	720	835	1059	1311	1617	6165	6951	592
Fort Campbell	Enlisted (E1–E4)	6	117	182	240	275	365	424	526	657	917	3969	16177	367
Fort Campbell	Enlisted (E5–E6)	1	182	281	389	497	630	746	912	1108	1376	6048	11561	495
Fort Campbell	Enlisted (E7 and above)	1	243	418	595	735	885	1064	1277	1553	2035	4202	4692	740
Fort Campbell	Officer (O1–O3)	1	146	227	319	418	547	639	785	914	1170	3856	3740	414
Fort Campbell	Officer (O4–O6)	13	128	274	423	620	730	783	918	1094	1288	2740	657	466
Fort Campbell	Officer (O7 and above)	56	203	389	571	721	766	792	900	1094	1340	2534	231	454
Fort Campbell	Warrant Officer (W1–W5)	1	163	274	455	585	721	824	1104	1371	1772	5549	1459	641
Fort Carson	Enlisted (E1–E4)	2	116	181	226	275	365	422	511	639	874	3672	5652	342
Fort Carson	Enlisted (E5–E6)	1	163	271	365	465	591	730	869	1065	1299	4746	8561	466
Fort Carson	Enlisted (E7 and above)	7	199	365	512	684	817	976	1158	1378	1745	4569	2998	629
Fort Carson	Officer (O1–O3)	19	144	241	333	433	561	698	823	926	1202	2845	2127	418
Fort Carson	Officer (O4–O6)	17	122	255	384	492	679	743	795	962	1141	2100	375	397
Fort Carson	Officer (O7 and above)	61	177	343	415	558	721	760	819	1003	1158	4475	164	556
Fort Carson	Warrant Officer (W1–W5)	1	172	310	451	553	664	731	878	1095	1366	2839	834	433
Fort Drum	Enlisted (E1–E4)	0	123	181	216	274	363	373	458	584	803	3095	4883	309
Fort Drum	Enlisted (E5–E6)	1	160	260	365	457	565	707	822	1008	1326	4114	3442	493
Fort Drum	Enlisted (E7 and above)	3	211	391	518	668	765	886	1018	1145	1424	3478	842	495
Fort Drum	Officer (O1–O3)	2	142	213	282	366	501	609	706	854	941	2465	1685	358
Fort Drum	Officer (O4–O6)	47	145	303	487	720	789	916	1076	1171	1430	2131	197	468
Fort Drum	Officer (O7 and above)	54	201	401	531	702	766	821	1055	1107	1340	2576	120	430
Fort Drum	Warrant Officer (W1–W5)	1	182	295	424	513	589	683	815	1067	1537	2374	476	502
Fort Gordon	Enlisted (E1–E4)	6	109	131	151	166	182	199	218	250	305	2776	13719	159
Fort Gordon	Enlisted (E5–E6)	1	156	236	327	429	547	679	794	966	1218	3229	2334	441
Fort Gordon	Enlisted (E7 and above)	1	181	304	426	552	680	801	925	1097	1358	2736	820	449
Fort Gordon	Officer (O1–O3)	18	125	166	192	217	255	344	452	638	915	2673	1588	368
Fort Gordon	Officer (O4–O6)	10	92	228	348	428	606	730	829	1031	1226	2235	256	446
Fort Gordon	Officer (O7 and above)	16	209	365	450	641	762	793	1062	1180	1798	3197	132	633
Fort Gordon	Warrant Officer (W1–W5)	42	175	197	217	254	297	402	573	731	932	1981	554	349
Fort Hood	Enlisted (E1–E4)	1	115	181	225	275	365	420	512	639	894	5459	10315	355
Fort Hood	Enlisted (E5–E6)	0	162	273	365	462	582	702	829	1011	1314	4562	7874	490
Fort Hood	Enlisted (E7 and above)	1	189	349	460	596	722	823	986	1174	1462	3318	1852	512
Fort Hood	Officer (O1–O3)	1	143	231	318	382	498	580	677	834	1025	3143	2926	378

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Hood	Officer (O4–O6)	2	134	255	393	482	615	747	871	1065	1241	2264	517	449
Fort Hood	Officer (O7 and above)	1	168	308	435	639	737	850	1027	1142	1379	2564	240	463
Fort Hood	Warrant Officer (W1–W5)	11	149	259	405	507	610	729	890	1086	1342	2612	985	465
Fort Huachuca	Enlisted (E1–E4)	1	119	146	159	173	186	205	227	268	351	3698	6130	166
Fort Huachuca	Enlisted (E5–E6)	2	147	187	232	309	397	520	660	823	1054	2440	1612	384
Fort Huachuca	Enlisted (E7 and above)	1	183	346	438	531	641	780	900	1064	1256	2998	526	436
Fort Huachuca	Officer (O1–O3)	1	115	168	187	206	225	252	287	350	515	1727	1491	209
Fort Huachuca	Officer (O4–O6)	26	117	169	261	345	451	590	711	928	1100	1837	194	392
Fort Huachuca	Officer (O7 and above)	122	352	422	529	725	752	787	954	1078	1263	1883	127	385
Fort Huachuca	Warrant Officer (W1–W5)	47	117	172	281	336	425	584	685	806	1092	2675	262	419
Fort Irwin	Enlisted (E1–E4)	17	124	182	236	275	365	444	530	689	879	3053	1376	348
Fort Irwin	Enlisted (E5–E6)	15	174	251	357	436	525	632	752	859	1075	4870	1228	396
Fort Irwin	Enlisted (E7 and above)	37	182	339	439	561	681	756	837	978	1163	2148	459	383
Fort Irwin	Officer (O1–O3)	34	191	278	364	432	549	646	731	815	987	5621	465	410
Fort Irwin	Officer (O4–O6)	25	95	168	271	367	490	596	712	808	1057	1797	188	380
Fort Irwin	Officer (O7 and above)	76	99	343	371	392	412	509	659	735	785	1172	94	269
Fort Irwin	Warrant Officer (W1–W5)	33	136	270	360	500	598	701	827	990	1100	1817	173	373
Fort Jackson	Enlisted (E1–E4)	1	66	68	71	75	82	93	112	146	183	2679	40684	97
Fort Jackson	Enlisted (E5–E6)	1	139	270	383	501	632	736	799	912	1137	2988	2349	392
Fort Jackson	Enlisted (E7 and above)	9	155	279	411	505	626	740	812	947	1173	3115	1264	400
Fort Jackson	Officer (O1–O3)	1	97	143	162	183	202	240	349	511	774	3028	1648	327
Fort Jackson	Officer (O4–O6)	1	77	157	230	348	393	463	636	754	1040	1536	386	354
Fort Jackson	Officer (O7 and above)	1	76	182	345	412	559	735	796	1060	1318	2560	162	522
Fort Jackson	Warrant Officer (W1–W5)	37	96	131	191	446	607	733	866	1029	1283	1848	109	477
Fort Knox	Enlisted (E1–E4)	1	64	67	74	85	113	139	161	198	387	4859	7092	329
Fort Knox	Enlisted (E5–E6)	1	83	176	277	386	484	603	711	832	1094	2834	1510	425
Fort Knox	Enlisted (E7 and above)	2	184	312	413	489	621	736	841	1001	1164	2740	822	407
Fort Knox	Officer (O–O3)	10	94	148	181	205	242	288	379	551	752	2384	5426	297
Fort Knox	Officer (O4–O6)	27	159	273	375	437	525	677	779	873	1069	2562	239	371
Fort Knox	Officer (O7 and above)	42	248	375	409	466	583	708	764	999	1147	2124	158	383
Fort Knox	Warrant Officer (W1–W5)	0	76	96	112	139	186	274	458	649	827	1826	1242	338
Fort Leavenworth	Enlisted (E1–E4)	53	102	173	191	273	332	385	454	590	753	2100	231	311
Fort Leavenworth	Enlisted (E5–E6)	18	151	255	365	474	573	645	749	912	1138	2756	418	384
Fort Leavenworth	Enlisted (E7 and above)	1	185	320	442	567	668	818	961	1143	1372	2290	187	471

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Leavenworth	Officer (O1–O3)	46	111	152	167	228	249	282	338	367	683	2011	644	253
Fort Leavenworth	Officer (O4–O6)	14	182	319	338	350	359	368	383	423	701	2032	2525	237
Fort Leavenworth	Officer (O7 and above)	1	121	275	377	457	638	741	837	1095	1277	2949	319	493
Fort Leavenworth	Warrant Officer (W1–W5)	57	184	272	360	392	399	497	671	729	901	1431	146	339
Fort Lee	Enlisted (E1–E4)	1	80	91	98	106	113	121	129	143	174	2380	21142	135
Fort Lee	Enlisted (E5–E6)	16	126	227	358	461	603	735	833	1000	1191	2620	1961	421
Fort Lee	Enlisted (E7 and above)	15	182	355	457	566	693	771	884	1065	1207	2466	1002	413
Fort Lee	Officer (O1–O3)	1	98	151	181	194	207	224	246	295	517	2556	2370	241
Fort Lee	Officer (O4–O6)	27	122	222	363	457	549	682	767	912	1097	1808	264	394
Fort Lee	Officer (O7 and above)	56	263	358	402	529	618	724	777	928	1277	1554	177	388
Fort Lee	Warrant Officer (W1–W5)	17	155	253	374	496	622	759	913	1059	1286	2433	310	472
Fort Leonard Wood	Enlisted (E1–E4)	1	67	75	90	111	136	153	168	183	215	5147	22245	129
Fort Leonard Wood	Enlisted (E5–E6)	1	104	212	365	455	564	701	798	948	1187	3739	2254	426
Fort Leonard Wood	Enlisted (E7 and above)	14	187	340	462	577	705	791	894	1061	1236	2746	906	431
Fort Leonard Wood	Officer (O1–O3)	1	120	168	198	224	259	311	364	446	715	2483	1951	268
Fort Leonard Wood	Officer (O4–O6)	17	70	172	252	365	482	622	746	807	1071	1826	186	411
Fort Leonard Wood	Officer (O7 and above)	92	290	436	572	724	753	785	994	1123	1231	1720	124	375
Fort Leonard Wood	Warrant Officer (W1–W5)	56	97	151	209	272	404	565	730	951	1187	2502	108	519
Fort Meade	Enlisted (E1–E4)	7	110	130	144	170	204	250	287	350	480	2674	1851	239
Fort Meade	Enlisted (E5–E6)	1	141	257	365	466	607	734	840	1006	1221	2932	1082	435
Fort Meade	Enlisted (E7 and above)	1	169	300	407	551	696	832	1025	1173	1521	3766	460	553
Fort Meade	Officer (O1–O3)	2	184	298	387	494	621	738	805	932	1173	1902	256	399
Fort Meade	Officer (O4–O6)	40	158	298	446	602	738	794	884	1099	1249	1988	242	433
Fort Meade	Officer (O7 and above)	1	210	366	425	505	617	734	840	1043	1219	2264	188	420
Fort Meade	Warrant Officer (W1–W5)	17	141	235	320	381	477	639	770	936	1208	2191	210	476
Fort Polk	Enlisted (E1–E4)	1	110	179	219	275	365	398	478	617	822	3458	2877	333
Fort Polk	Enlisted (E5–E6)	5	158	265	363	456	549	668	787	918	1173	5068	2444	416
Fort Polk	Enlisted (E7 and above)	17	197	355	481	626	730	807	929	1081	1308	2631	1269	432
Fort Polk	Officer (O1–O3)	1	161	270	359	424	527	608	693	803	931	2374	970	337
Fort Polk	Officer (O4–O6)	12	137	285	375	465	559	652	715	790	986	2318	293	355
Fort Polk	Officer (O7 and above)	50	126	206	308	360	427	561	730	857	1086	3287	118	487
Fort Polk	Warrant Officer (W1–W5)	17	160	247	357	482	595	675	764	910	1115	1827	240	369
Fort Riley	Enlisted (E1–E4)	26	122	181	225	274	364	399	467	609	822	3387	3167	312
Fort Riley	Enlisted (E5–E6)	2	163	268	365	456	547	665	789	946	1174	4510	2329	432

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Riley	Enlisted (E7 and above)	3	251	414	531	632	732	822	967	1123	1382	2556	542	444
Fort Riley	Officer (O1–O3)	14	135	204	276	366	503	638	747	884	968	3249	959	362
Fort Riley	Officer (O4–O6)	18	180	410	544	696	740	800	991	1098	1228	1918	234	396
Fort Riley	Officer (O7 and above)	22	348	401	422	525	602	722	786	907	1170	1910	127	384
Fort Riley	Warrant Officer (W1–W5)	9	146	258	419	509	586	685	822	1093	1375	2542	346	488
Fort Rucker	Enlisted (E1–E4)	28	74	89	101	122	144	176	247	365	655	2716	1433	305
Fort Rucker	Enlisted (E5–E6)	1	61	78	111	206	375	535	700	860	1104	3261	1119	432
Fort Rucker	Enlisted (E7 and above)	34	78	215	361	457	614	738	886	1064	1279	4055	403	502
Fort Rucker	Officer (O1–O3)	6	114	173	206	244	315	412	461	492	555	2029	1744	219
Fort Rucker	Officer (O4–O6)	64	166	279	407	504	581	686	719	788	946	2373	196	394
Fort Rucker	Officer (O7 and above)	58	259	365	502	646	718	742	823	1015	1139	2313	163	449
Fort Rucker	Warrant Officer (W1–W5)	8	220	399	464	519	567	622	686	744	987	2812	2152	312
Fort Sill	Enlisted (E1–E4)	1	66	72	85	101	123	141	161	190	315	4264	21009	223
Fort Sill	Enlisted (E5–E6)	1	104	197	309	436	557	691	790	937	1178	3270	2608	435
Fort Sill	Enlisted (E7 and above)	2	170	289	433	544	659	757	847	1003	1188	2569	752	444
Fort Sill	Officer (O1–O3)	26	124	165	187	204	224	255	308	456	731	2695	2532	315
Fort Sill	Officer (O4–O6)	22	164	237	379	487	669	726	795	910	1157	2192	217	417
Fort Sill	Officer (O7 and above)	17	172	376	459	625	718	747	783	979	1130	2917	160	469
Fort Sill	Warrant Officer (W1–W5)	45	156	238	269	280	296	358	575	676	921	1863	324	319
Fort Stewart	Enlisted (E1–E4)	3	106	181	232	275	365	431	525	655	897	4277	7501	350
Fort Stewart	Enlisted (E5–E6)	2	182	283	400	512	638	731	862	1049	1336	5309	5766	490
Fort Stewart	Enlisted (E7 and above)	2	197	368	520	642	767	892	1038	1199	1479	3417	1236	508
Fort Stewart	Officer (O1–O3)	1	145	234	317	388	527	638	730	880	1053	3485	2162	389
Fort Stewart	Officer (O4–O6)	1	171	345	442	625	722	790	902	1057	1190	1824	333	399
Fort Stewart	Officer (O7 and above)	1	216	427	566	685	747	796	863	1067	1150	2068	139	354
Fort Stewart	Warrant Officer (W1–W5)	25	162	273	396	495	588	712	914	1098	1409	3685	758	529
Fort Wainwright	Enlisted (E1–E4)	5	118	182	249	285	365	431	528	640	853	4860	2574	334
Fort Wainwright	Enlisted (E5–E6)	5	149	258	359	457	568	702	823	1025	1141	3183	2549	424
Fort Wainwright	Enlisted (E7 and above)	23	178	275	400	544	704	839	995	1104	1243	2508	456	445
Fort Wainwright	Officer (O1–O3)	6	101	179	245	342	441	548	649	782	947	2023	494	346
Fort Wainwright	Officer (O4–O6)	8	92	407	469	653	725	839	1000	1077	1160	2295	159	450
Fort Wainwright	Officer (O7 and above)	75	416	430	460	572	743	804	1025	1188	1324	1862	129	445
Fort Wainwright	Warrant Officer (W1–W5)	51	139	192	317	586	684	782	920	1030	1296	1852	225	432
USAG Hawaii	Enlisted (E1–E4)	14	139	183	261	323	366	458	571	731	1004	3806	6153	360

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
USAG Hawaii	Enlisted (E5–E6)	2	179	284	400	521	638	755	912	1086	1186	4309	6588	427
USAG Hawaii	Enlisted (E7 and above)	14	205	383	528	704	822	954	1090	1139	1342	3136	1814	449
USAG Hawaii	Officer (O1–O3)	17	152	246	323	429	547	638	731	882	1127	3735	1569	393
USAG Hawaii	Officer (O4–O6)	22	126	246	416	519	713	793	908	1088	1244	3271	411	453
USAG Hawaii	Officer (O7 and above)	47	295	394	556	700	751	887	1064	1137	1432	3433	266	502
USAG Hawaii	Warrant Officer (W1–W5)	4	141	273	417	528	612	730	891	1065	1236	2546	564	432
JB Elmendorf-Richardson	Enlisted (E1–E4)	21	113	181	242	287	365	432	518	639	845	4517	5173	325
JB Elmendorf-Richardson	Enlisted (E5–E6)	3	156	264	358	455	551	684	821	994	1125	2769	4279	395
JB Elmendorf-Richardson	Enlisted (E7 and above)	16	172	296	422	566	731	831	989	1108	1290	2434	722	454
JB Elmendorf-Richardson	Officer (O1–O3)	16	105	184	251	332	425	547	661	794	930	1714	614	332
JB Elmendorf-Richardson	Officer (O4–O6)	62	225	374	434	548	711	783	896	1103	1253	2042	201	430
JB Elmendorf-Richardson	Officer (O7 and above)	74	359	523	645	700	739	773	805	878	993	1092	135	261
JB Elmendorf-Richardson	Warrant Officer (W1–W5)	8	166	219	365	440	547	591	663	802	1096	2029	185	354
JB Langley-Eustis	Enlisted (E1–E4)	4	99	135	151	165	181	201	227	273	457	3333	5493	255
JB Langley-Eustis	Enlisted (E5–E6)	1	177	288	405	540	667	779	916	1086	1278	3829	1691	473
JB Langley-Eustis	Enlisted (E7 and above)	17	184	310	418	549	668	781	934	1076	1244	2351	579	427
JB Langley-Eustis	Officer (O1–O3)	41	119	268	349	423	547	638	731	855	1042	2115	264	358
JB Langley-Eustis	Officer (O4–O6)	29	177	194	334	445	546	702	797	960	1192	1948	119	429
JB Langley-Eustis	Officer (O7 and above)	56	278	436	577	700	750	790	861	1095	1192	2252	129	396
JB Langley-Eustis	Warrant Officer (W1–W5)	55	202	283	408	511	630	720	868	1060	1369	2926	196	473
JB Lewis-McChord	Enlisted (E1–E4)	1	111	180	221	275	365	413	506	639	884	4774	9636	349
JB Lewis-McChord	Enlisted (E5–E6)	1	176	279	385	482	595	730	854	1048	1301	4151	10028	472
JB Lewis-McChord	Enlisted (E7 and above)	1	216	391	549	720	822	993	1161	1371	1850	5811	2836	674
JB Lewis-McChord	Officer (O1–O3)	2	151	243	337	428	547	647	807	915	1196	4334	3209	426
JB Lewis-McChord	Officer (O4–O6)	14	139	311	426	529	701	784	880	1068	1184	2192	620	423
JB Lewis-McChord	Officer (O7 and above)	5	211	403	457	645	763	833	1080	1193	1668	3471	251	551
JB Lewis-McChord	Warrant Officer (W1–W5)	15	166	297	428	535	632	731	902	1117	1429	2648	798	479
JB Myer-Henderson Hall	Enlisted (E1–E4)	3	129	182	220	274	365	371	457	547	701	3102	747	294
JB Myer-Henderson Hall	Enlisted (E5–E6)	5	141	248	342	456	556	676	821	1014	1271	4098	618	518
JB Myer-Henderson Hall	Enlisted (E7 and above)	37	120	241	374	490	583	730	912	1151	1318	3539	146	559
JB Myer-Henderson Hall	Officer (O1–O3)	54	166	245	323	362	416	474	544	660	768	1590	213	262
JB Myer-Henderson Hall	Officer (O4–O6)	14	82	110	127	182	320	484	527	661	1049	1810	163	426
JB Myer-Henderson Hall	Officer (O7 and above)	53	89	158	277	369	430	705	802	817	839	943	88	326
JB Myer-Henderson Hall	Warrant Officer (W1–W5)	55	76	125	279	626	703	734	758	818	1010	1234	126	372

Installation	Rank Group	Assignment Duration (days)												
		p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
JB San Antonio	Enlisted (E1–E4)	1	91	119	134	144	157	169	184	206	266	2895	11441	158
JB San Antonio	Enlisted (E5–E6)	2	168	262	349	419	513	653	795	992	1216	3202	2085	422
JB San Antonio	Enlisted (E7 and above)	1	199	308	416	547	652	787	904	1082	1278	2830	1155	418
JB San Antonio	Officer (O1–O3)	5	122	234	355	416	488	554	675	841	1149	3342	1462	437
JB San Antonio	Officer (O4–O6)	21	142	322	401	441	585	694	790	1039	1184	2555	728	431
JB San Antonio	Officer (O7 and above)	6	273	395	457	647	766	917	1106	1308	1918	4656	417	743
JB San Antonio	Warrant Officer (W1–W5)	44	111	184	326	494	602	661	775	939	1128	1826	214	425
Presidio of Monterey	Enlisted (E1–E4)	26	105	174	232	269	307	366	453	520	601	1346	1655	195
Presidio of Monterey	Enlisted (E5–E6)	1	149	237	283	354	414	500	563	660	827	1987	781	299
Presidio of Monterey	Enlisted (E7 and above)	52	151	266	354	416	523	631	721	860	1079	2349	264	392
Presidio of Monterey	Officer (O1–O3)	92	218	309	344	389	439	474	572	652	754	1199	235	231
Presidio of Monterey	Officer (O4–O6)	74	92	166	258	297	348	516	674	766	1033	1187	143	340
Presidio of Monterey	Officer (O7 and above)	108	157	238	405	638	685	813	949	1094	1139	1368	95	406
Presidio of Monterey	Warrant Officer (W1–W5)	66	157	229	273	295	402	433	491	529	547	769	149	171
USAG West Point	Enlisted (E1–E4)	51	117	205	301	395	501	685	894	1414	1451	3192	378	606
USAG West Point	Enlisted (E5–E6)	48	146	250	365	488	634	730	830	980	1313	2185	230	448
USAG West Point	Enlisted (E7 and above)	39	147	272	416	545	640	741	913	1055	1252	2348	144	444
USAG West Point	Officer (O1–O3)	14	136	230	274	365	451	624	746	878	1104	3265	440	404
USAG West Point	Officer (O4–O6)	17	98	300	436	531	623	713	790	962	1132	2215	382	379
USAG West Point	Officer (O7 and above)	34	108	351	436	646	798	968	1121	1295	1965	4687	202	823
USAG West Point	Warrant Officer (W1–W5)	7	50	98	142	211	422	545	587	640	866	989	123	318

Legend:

p = percentile

n = number of personnel

sd = standard deviation

ARSOF = Army Special Operations Forces

JB = Joint Base

USAG = U.S. Army Garrison

Table B-2. Personnel Assignment Duration Summary Statistics by Army Career Management Fields for 32 CONUS Army Installations

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Aberdeen Proving Ground	Operations Division	Air Defense Artillery	51	114	117	122	127	132	205	347	531	675	937	298	272
Aberdeen Proving Ground	Operations Division	Armor	59	77	91	92	112	116	242	368	653	894	978	257	341
Aberdeen Proving Ground	Operations Division	ARSOF	20	60	100	131	227	372	528	726	800	1292	1884	302	537
Aberdeen Proving Ground	Operations Division	Aviation	71	92	122	154	196	242	291	490	743	810	1313	388	338
Aberdeen Proving Ground	Operations Division	Field Artillery	47	90	119	183	322	411	481	732	848	1103	1797	286	441
Aberdeen Proving Ground	Operations Division	Infantry	87	98	105	114	118	137	185	271	546	718	1582	265	392
Aberdeen Proving Ground	Operations Support Division	Chemical	56	240	333	480	698	803	1001	1134	1302	1528	2460	422	521
Aberdeen Proving Ground	Operations Support Division	Engineer	40	102	109	117	124	132	141	153	167	192	1296	1654	126
Aberdeen Proving Ground	Operations Support Division	Military Intelligence	20	72	106	194	367	414	552	759	834	1177	1884	393	437
Aberdeen Proving Ground	Operations Support Division	Military Police	92	107	168	196	302	387	474	657	845	888	1029	144	344
Aberdeen Proving Ground	Operations Support Division	Public Affairs	42	75	108	244	481	719	801	883	1109	1478	1847	104	729
Aberdeen Proving Ground	Operations Support Division	Signal	28	106	196	347	411	457	674	800	911	1134	1532	194	395
Aberdeen Proving Ground	Operations Support Division	Cyber	133	164	195	237	278	515	752	752	752	856	960	164	351
Aberdeen Proving Ground	Force Sustainment Division	Health Services	45	122	202	379	589	730	798	996	1170	1383	2967	368	532
Aberdeen Proving Ground	Force Sustainment Division	Ordnance	1	100	110	119	129	138	150	162	183	259	2409	3589	206
Aberdeen Proving Ground	Force Sustainment Division	Quartermaster Corps	24	92	115	168	381	548	638	705	799	1053	1750	420	393
Aberdeen Proving Ground	Force Sustainment Division	Soldier Support	50	148	273	359	418	548	621	819	1001	1207	1976	477	408
Aberdeen Proving Ground	Force Sustainment Division	Transportation	24	297	398	535	602	646	695	772	865	1139	1588	147	346
Fort Belvoir	Operations Division	Air Defense Artillery	314	345	374	398	411	419	420	452	546	696	874	382	191
Fort Belvoir	Operations Division	Armor	22	77	127	190	276	343	407	426	774	961	1404	466	359
Fort Belvoir	Operations Division	ARSOF	49	114	285	409	457	615	737	898	1092	1179	2045	272	429
Fort Belvoir	Operations Division	Aviation	2	179	328	430	572	714	843	941	1067	1166	3229	395	447
Fort Belvoir	Operations Division	Field Artillery	20	92	201	319	399	421	489	692	876	1273	2390	332	474
Fort Belvoir	Operations Division	Infantry	20	176	270	293	345	370	398	412	443	593	1308	331	268
Fort Belvoir	Operations Support Division	Chemical	90	165	301	365	421	609	790	1018	1096	1471	1766	88	492
Fort Belvoir	Operations Support Division	Engineer	1	116	182	288	387	447	587	795	1079	1379	3072	580	517
Fort Belvoir	Operations Support Division	Military Intelligence	50	154	287	389	462	542	665	769	943	1162	2698	424	446
Fort Belvoir	Operations Support Division	Military Police	1	367	488	656	726	817	954	1093	1274	1586	4355	227	552

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Belvoir	Operations Support Division	Public Affairs	165	275	377	381	552	726	823	1065	1229	1586	1861	89	538
Fort Belvoir	Operations Support Division	Signal	50	140	273	399	487	597	731	800	1004	1280	2390	441	460
Fort Belvoir	Operations Support Division	Cyber	59	289	330	366	420	577	718	752	874	1002	1661	273	352
Fort Belvoir	Force Sustainment Division	Health Services	17	183	349	420	532	675	764	945	1118	1385	4685	758	533
Fort Belvoir	Force Sustainment Division	Ordnance	27	130	271	418	479	645	776	916	1131	1542	3072	428	553
Fort Belvoir	Force Sustainment Division	Quartermaster Corps	49	152	246	371	431	547	708	812	953	1209	2040	285	427
Fort Belvoir	Force Sustainment Division	Soldier Support	6	183	378	423	561	667	742	783	937	1148	2799	374	422
Fort Belvoir	Force Sustainment Division	Transportation	49	157	242	326	364	416	466	572	794	920	1680	162	364
Fort Benning	Operations Division	Air Defense Artillery	14	40	53	62	66	74	79	91	125	270	1219	328	160
Fort Benning	Operations Division	Armor	5	56	80	110	167	207	260	315	433	770	4098	4521	354
Fort Benning	Operations Division	ARSOF	1	51	60	77	94	120	127	137	151	185	6076	11171	141
Fort Benning	Operations Division	Aviation	10	67	75	112	189	222	263	308	375	666	3495	2857	302
Fort Benning	Operations Division	Field Artillery	5	51	66	85	119	174	221	282	383	731	4098	5469	347
Fort Benning	Operations Division	Infantry	1	66	90	109	125	138	153	173	207	440	5839	36145	336
Fort Benning	Operations Support Division	Chemical	1	42	70	90	103	140	224	315	505	855	1635	301	352
Fort Benning	Operations Support Division	Engineer	8	49	65	78	92	143	222	365	638	982	4099	1178	473
Fort Benning	Operations Support Division	Military Intelligence	2	37	52	67	76	94	139	212	340	709	6076	2003	395
Fort Benning	Operations Support Division	Military Police	1	52	80	125	188	273	453	675	869	1121	3123	311	504
Fort Benning	Operations Support Division	Public Affairs	5	65	76	83	93	115	255	388	657	816	2022	106	398
Fort Benning	Operations Support Division	Signal	6	64	65	67	70	75	83	99	167	392	3778	4211	299
Fort Benning	Operations Support Division	Cyber	17	46	60	65	67	71	79	91	109	258	1924	599	218
Fort Benning	Force Sustainment Division	Health Services	8	64	66	72	82	101	152	279	669	1038	4348	4269	481
Fort Benning	Force Sustainment Division	Ordnance	4	48	64	66	69	77	89	113	258	769	3403	4596	379
Fort Benning	Force Sustainment Division	Quartermaster Corps	1	39	49	64	80	104	160	256	455	873	3715	7714	430
Fort Benning	Force Sustainment Division	Soldier Support	2	55	79	105	149	182	274	431	613	901	5862	1861	412
Fort Benning	Force Sustainment Division	Transportation	9	60	68	80	101	159	273	446	701	1037	3309	914	508
Fort Bliss	Operations Division	Air Defense Artillery	1	96	118	148	180	221	368	639	867	1155	3353	1998	497
Fort Bliss	Operations Division	Armor	1	92	184	323	385	502	644	785	967	1171	3287	572	462
Fort Bliss	Operations Division	ARSOF	30	188	300	320	336	353	384	581	807	1035	3100	614	378
Fort Bliss	Operations Division	Aviation	1	92	215	335	392	521	698	847	1068	1280	2729	962	470
Fort Bliss	Operations Division	Field Artillery	1	92	185	319	394	506	690	819	979	1219	3287	1029	461

Installation	PMD	CMF	Assignment Duration (days)													
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd	
Fort Bliss	Operations Division	Infantry	1	179	315	360	414	549	724	842	1006	1265	3299	1323	482	
Fort Bliss	Operations Support Division	Chemical	32	120	259	347	414	607	753	908	1106	1287	2718	187	477	
Fort Bliss	Operations Support Division	Engineer	0	92	201	342	392	497	671	808	943	1150	3284	525	437	
Fort Bliss	Operations Support Division	Military Intelligence	30	101	210	313	363	457	640	784	942	1095	3259	681	425	
Fort Bliss	Operations Support Division	Military Police	2	96	298	345	405	539	753	873	1093	1285	2246	260	462	
Fort Bliss	Operations Support Division	Public Affairs	31	218	331	389	520	684	787	831	936	1070	2196	120	365	
Fort Bliss	Operations Support Division	Signal	2	92	202	313	376	496	644	771	944	1211	3547	1089	450	
Fort Bliss	Operations Support Division	Cyber	1	84	110	183	281	365	476	685	832	1118	2729	480	440	
Fort Bliss	Force Sustainment Division	Health Services	1	160	316	358	438	632	768	929	1093	1399	4346	1094	530	
Fort Bliss	Force Sustainment Division	Ordnance	1	107	271	351	450	586	722	859	1039	1330	3284	1485	496	
Fort Bliss	Force Sustainment Division	Quartermaster Corps	17	112	268	353	427	577	738	879	1053	1326	3889	2319	489	
Fort Bliss	Force Sustainment Division	Soldier Support	4	153	273	339	365	435	547	713	834	1086	2572	647	390	
Fort Bliss	Force Sustainment Division	Transportation	1	69	81	99	130	248	410	657	864	1135	3987	922	510	
Fort Bragg	Operations Division	Air Defense Artillery	1	181	327	472	627	762	895	1025	1175	1491	5898	4514	578	
Fort Bragg	Operations Division	Armor	1	165	293	445	600	761	915	1067	1259	1621	7257	12937	665	
Fort Bragg	Operations Division	ARSOF	0	92	183	303	457	639	822	1042	1298	1861	7737	47486	865	
Fort Bragg	Operations Division	Aviation	1	175	326	458	618	765	926	1108	1343	1748	7318	16631	664	
Fort Bragg	Operations Division	Field Artillery	1	182	335	482	640	805	960	1089	1303	1692	6932	22401	672	
Fort Bragg	Operations Division	Infantry	1	159	322	491	645	818	980	1128	1361	1679	7693	48539	687	
Fort Bragg	Operations Support Division	Chemical	1	156	286	444	590	733	873	1015	1187	1516	5639	4343	603	
Fort Bragg	Operations Support Division	Engineer	1	180	319	461	636	797	944	1092	1273	1599	5867	15087	624	
Fort Bragg	Operations Support Division	Military Intelligence	0	100	228	365	525	705	849	1035	1225	1599	6667	20361	700	
Fort Bragg	Operations Support Division	Military Police	1	257	428	594	756	896	1073	1268	1567	1770	4841	5841	652	
Fort Bragg	Operations Support Division	Public Affairs	1	92	220	365	484	649	829	1069	1372	1917	4656	3098	748	
Fort Bragg	Operations Support Division	Signal	0	92	195	349	475	647	804	989	1180	1481	7015	24911	594	
Fort Bragg	Operations Support Division	Cyber	1	104	237	365	482	638	789	982	1187	1450	4082	4201	568	
Fort Bragg	Force Sustainment Division	Health Services	1	182	316	457	633	778	944	1127	1268	1599	6632	19680	616	
Fort Bragg	Force Sustainment Division	Ordnance	1	159	286	455	608	762	909	1071	1251	1617	7015	33596	638	
Fort Bragg	Force Sustainment Division	Quartermaster Corps	1	160	289	455	615	768	912	1074	1271	1645	6884	50553	659	
Fort Bragg	Force Sustainment Division	Soldier Support	0	123	267	365	497	640	784	913	1105	1374	5768	11701	542	
Fort Bragg	Force Sustainment Division	Transportation	1	132	273	379	544	704	846	1022	1188	1523	7188	13254	613	

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Campbell	Operations Division	Air Defense Artillery	35	189	378	456	592	681	825	925	1113	1473	2523	193	511
Fort Campbell	Operations Division	Armor	1	156	308	479	694	816	924	1079	1235	1552	4200	979	623
Fort Campbell	Operations Division	ARSOF	1	183	365	567	762	980	1191	1505	1878	2531	5819	4982	964
Fort Campbell	Operations Division	Aviation	1	124	284	456	651	804	957	1144	1399	1899	6796	2620	790
Fort Campbell	Operations Division	Field Artillery	1	147	289	457	659	791	912	1079	1264	1605	3448	1544	605
Fort Campbell	Operations Division	Infantry	23	194	394	601	757	882	1008	1169	1417	1753	7306	2398	638
Fort Campbell	Operations Support Division	Chemical	24	92	182	288	513	660	778	922	1157	1556	3871	337	635
Fort Campbell	Operations Support Division	Engineer	14	92	183	337	450	605	776	924	1101	1454	3868	763	563
Fort Campbell	Operations Support Division	Military Intelligence	7	91	136	204	365	497	663	791	1000	1245	4201	1245	534
Fort Campbell	Operations Support Division	Military Police	7	166	339	476	706	824	924	1040	1181	1469	3322	269	537
Fort Campbell	Operations Support Division	Public Affairs	55	122	178	264	392	501	646	765	897	1089	1460	141	382
Fort Campbell	Operations Support Division	Signal	1	91	144	251	366	547	718	844	1097	1463	3681	1436	601
Fort Campbell	Operations Support Division	Cyber	47	92	181	273	376	548	669	784	954	1320	2352	303	491
Fort Campbell	Force Sustainment Division	Health Services	2	112	234	393	547	700	822	996	1214	1572	3868	1379	578
Fort Campbell	Force Sustainment Division	Ordnance	1	92	182	287	445	628	802	979	1196	1603	4572	2123	636
Fort Campbell	Force Sustainment Division	Quartermaster Corps	1	91	154	254	392	548	748	917	1180	1581	5163	3658	636
Fort Campbell	Force Sustainment Division	Soldier Support	17	92	183	308	457	639	748	884	1035	1258	2969	711	473
Fort Campbell	Force Sustainment Division	Transportation	7	92	182	275	426	549	727	869	1108	1393	4210	1133	585
Fort Carson	Operations Division	Air Defense Artillery	18	128	232	365	481	639	808	997	1175	1264	2009	286	477
Fort Carson	Operations Division	Armor	3	183	331	502	640	764	901	1029	1180	1473	3615	922	524
Fort Carson	Operations Division	ARSOF	2	241	408	638	812	1003	1187	1436	1732	2130	5392	4139	785
Fort Carson	Operations Division	Aviation	18	140	291	458	654	789	940	1102	1224	1493	3013	1046	518
Fort Carson	Operations Division	Field Artillery	2	183	366	516	673	775	898	1026	1183	1475	3746	1229	538
Fort Carson	Operations Division	Infantry	29	250	412	537	689	796	890	1000	1177	1513	4103	1314	528
Fort Carson	Operations Support Division	Chemical	1	94	246	380	513	672	784	935	1142	1379	3354	200	554
Fort Carson	Operations Support Division	Engineer	14	92	220	362	480	637	767	916	1136	1364	3964	752	508
Fort Carson	Operations Support Division	Military Intelligence	7	91	132	218	365	484	667	822	1002	1246	3152	892	491
Fort Carson	Operations Support Division	Military Police	52	156	382	578	750	851	993	1066	1182	1428	2178	227	469
Fort Carson	Operations Support Division	Public Affairs	46	146	273	506	609	639	770	855	1010	1141	1616	102	381
Fort Carson	Operations Support Division	Signal	17	92	182	277	413	585	729	863	1014	1299	4061	934	516
Fort Carson	Operations Support Division	Cyber	18	110	182	308	386	448	583	746	891	1165	1593	217	391

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Carson	Force Sustainment Division	Health Services	2	127	274	426	573	722	822	990	1156	1466	4749	962	537
Fort Carson	Force Sustainment Division	Ordnance	1	92	185	350	479	639	752	911	1095	1457	4061	1625	551
Fort Carson	Force Sustainment Division	Quartermaster Corps	1	92	182	275	419	552	715	859	1039	1277	4054	2295	518
Fort Carson	Force Sustainment Division	Soldier Support	1	92	184	308	428	540	704	798	1007	1240	2327	500	444
Fort Carson	Force Sustainment Division	Transportation	10	92	182	274	365	537	689	816	993	1323	2953	695	516
Fort Drum	Operations Division	Air Defense Artillery	78	232	364	411	466	686	777	894	1024	1286	1651	105	395
Fort Drum	Operations Division	Armor	29	142	274	430	639	795	876	985	1100	1296	4114	488	537
Fort Drum	Operations Division	ARSOF	28	87	130	220	382	508	635	790	940	1144	2346	208	452
Fort Drum	Operations Division	Aviation	29	145	274	449	674	798	957	1115	1276	1671	3234	884	601
Fort Drum	Operations Division	Field Artillery	29	182	344	460	660	789	889	1028	1139	1425	4114	729	553
Fort Drum	Operations Division	Infantry	11	184	402	620	764	870	977	1139	1369	1792	3911	1293	637
Fort Drum	Operations Support Division	Chemical	38	181	273	371	526	686	830	977	1132	1464	2600	170	517
Fort Drum	Operations Support Division	Engineer	6	97	183	330	438	600	736	912	1080	1354	2759	440	513
Fort Drum	Operations Support Division	Military Intelligence	48	174	270	400	504	670	797	906	1053	1248	2346	452	432
Fort Drum	Operations Support Division	Military Police	50	183	376	512	706	785	856	971	1145	1461	3578	234	499
Fort Drum	Operations Support Division	Public Affairs	147	220	261	347	515	610	681	802	918	992	1368	118	337
Fort Drum	Operations Support Division	Signal	19	136	273	359	484	677	800	920	1064	1326	3187	646	515
Fort Drum	Operations Support Division	Cyber	68	100	337	430	583	716	825	914	1037	1166	2567	101	471
Fort Drum	Force Sustainment Division	Health Services	1	131	275	403	539	690	822	927	1102	1369	4151	532	512
Fort Drum	Force Sustainment Division	Ordnance	3	113	275	402	593	730	858	1004	1171	1473	3759	1033	574
Fort Drum	Force Sustainment Division	Quartermaster Corps	6	129	274	456	611	746	851	1004	1212	1513	4384	1601	577
Fort Drum	Force Sustainment Division	Soldier Support	2	182	336	431	550	709	790	901	1038	1219	2177	368	421
Fort Drum	Force Sustainment Division	Transportation	1	92	208	333	457	600	754	859	1017	1268	2795	533	471
Fort Gordon	Operations Division	Air Defense Artillery	15	98	131	195	215	248	258	265	324	624	1456	126	298
Fort Gordon	Operations Division	Armor	2	105	147	153	181	200	222	237	281	379	1911	173	253
Fort Gordon	Operations Division	ARSOF	15	90	137	183	219	365	542	731	838	1087	1632	133	411
Fort Gordon	Operations Division	Aviation	16	100	118	134	150	175	204	246	299	429	3455	967	300
Fort Gordon	Operations Division	Field Artillery	2	116	159	178	196	219	253	312	496	806	2528	1062	331
Fort Gordon	Operations Division	Infantry	48	128	178	188	208	230	253	272	292	378	2863	118	318
Fort Gordon	Operations Support Division	Chemical	48	98	161	210	338	410	509	652	878	1131	1851	108	491
Fort Gordon	Operations Support Division	Engineer	27	101	168	187	218	269	388	444	691	856	2057	274	427

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Gordon	Operations Support Division	Military Intelligence	12	111	167	196	238	304	456	654	821	1096	2528	1886	408
Fort Gordon	Operations Support Division	Military Police	48	125	237	392	524	615	731	927	1066	1229	1696	87	426
Fort Gordon	Operations Support Division	Public Affairs	65	114	131	145	160	174	192	236	459	758	2141	102	371
Fort Gordon	Operations Support Division	Signal	1	113	143	162	179	193	211	236	286	551	3008	12193	267
Fort Gordon	Operations Support Division	Cyber	4	104	117	129	146	168	208	263	314	525	2045	1030	271
Fort Gordon	Force Sustainment Division	Health Services	27	107	232	348	398	515	701	848	1066	1400	3514	800	534
Fort Gordon	Force Sustainment Division	Ordnance	15	128	151	163	177	189	208	230	272	423	2224	5376	245
Fort Gordon	Force Sustainment Division	Quartermaster Corps	46	114	165	195	227	293	448	655	869	1220	2812	725	482
Fort Gordon	Force Sustainment Division	Soldier Support	19	92	182	273	365	456	548	713	806	1031	2684	655	378
Fort Gordon	Force Sustainment Division	Transportation	48	95	154	187	239	274	355	412	564	815	1435	223	293
Fort Hood	Operations Division	Air Defense Artillery	6	177	293	410	545	716	828	944	1096	1352	3252	412	498
Fort Hood	Operations Division	Armor	3	182	330	457	620	766	908	1014	1159	1496	5459	1044	617
Fort Hood	Operations Division	ARSOF	11	165	327	457	599	709	820	972	1116	1349	2802	552	504
Fort Hood	Operations Division	Aviation	5	156	282	424	551	700	843	1033	1222	1558	3708	1599	590
Fort Hood	Operations Division	Field Artillery	15	183	320	451	609	741	875	993	1146	1492	3856	1476	575
Fort Hood	Operations Division	Infantry	13	195	364	529	692	808	916	1030	1226	1645	3867	1454	565
Fort Hood	Operations Support Division	Chemical	36	274	433	591	707	791	875	1021	1188	1513	4209	464	563
Fort Hood	Operations Support Division	Engineer	1	128	273	387	548	712	829	986	1145	1478	5089	1093	583
Fort Hood	Operations Support Division	Military Intelligence	26	92	214	365	503	638	754	887	1041	1304	2871	1315	472
Fort Hood	Operations Support Division	Military Police	26	249	405	609	719	828	947	1063	1261	1588	4126	320	565
Fort Hood	Operations Support Division	Public Affairs	11	217	378	523	641	771	923	1069	1301	1670	2766	189	561
Fort Hood	Operations Support Division	Signal	26	104	252	366	507	660	768	906	1105	1452	3863	1758	546
Fort Hood	Operations Support Division	Cyber	45	112	228	275	407	549	680	821	976	1241	3328	273	477
Fort Hood	Force Sustainment Division	Health Services	1	163	293	442	610	744	854	1001	1191	1490	4231	1373	550
Fort Hood	Force Sustainment Division	Ordnance	18	181	316	457	612	751	888	1028	1219	1605	4723	2465	589
Fort Hood	Force Sustainment Division	Quartermaster Corps	1	182	349	499	650	790	926	1087	1303	1689	4782	3667	624
Fort Hood	Force Sustainment Division	Soldier Support	44	98	224	365	541	670	759	887	1061	1278	3176	697	482
Fort Hood	Force Sustainment Division	Transportation	0	148	261	386	543	676	795	922	1086	1528	4238	1004	586
Fort Huachuca	Operations Division	Air Defense Artillery	131	171	205	228	250	259	269	291	331	609	1261	125	270
Fort Huachuca	Operations Division	Armor	1	144	190	210	214	226	236	259	281	403	1097	208	157
Fort Huachuca	Operations Division	ARSOF	19	126	143	153	162	173	185	201	230	346	1594	2487	173

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Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Huachuca	Operations Division	Aviation	19	102	156	183	213	246	309	381	429	760	2619	521	302
Fort Huachuca	Operations Division	Field Artillery	1	151	189	209	224	254	309	372	563	927	1646	203	332
Fort Huachuca	Operations Division	Infantry	55	117	151	174	192	219	248	281	362	416	2868	110	364
Fort Huachuca	Operations Support Division	Chemical	75	155	177	213	241	262	337	412	522	684	1949	102	357
Fort Huachuca	Operations Support Division	Engineer	22	124	166	212	237	290	371	407	486	726	1648	271	326
Fort Huachuca	Operations Support Division	Military Intelligence	1	132	155	170	184	200	221	257	315	489	2675	6958	236
Fort Huachuca	Operations Support Division	Military Police	92	174	411	519	645	721	764	883	972	1074	1474	114	337
Fort Huachuca	Operations Support Division	Public Affairs	110	131	148	179	224	301	346	396	556	639	1184	128	294
Fort Huachuca	Operations Support Division	Signal	34	162	187	216	259	310	370	480	727	1025	3698	1464	373
Fort Huachuca	Operations Support Division	Cyber	1	116	161	171	182	196	222	252	338	457	1698	618	209
Fort Huachuca	Force Sustainment Division	Health Services	51	147	246	359	531	607	711	794	963	1085	2309	130	409
Fort Huachuca	Force Sustainment Division	Ordnance	22	89	170	219	346	381	421	544	726	1003	3698	421	436
Fort Huachuca	Force Sustainment Division	Quartermaster Corps	1	147	183	219	271	350	459	629	799	1095	2027	467	376
Fort Huachuca	Force Sustainment Division	Soldier Support	31	140	207	274	328	430	537	639	775	984	2998	479	358
Fort Huachuca	Force Sustainment Division	Transportation	55	175	189	218	297	387	568	985	1003	1069	1383	129	426
Fort Irwin	Operations Division	Air Defense Artillery	41	174	255	359	434	456	548	731	861	993	3273	108	497
Fort Irwin	Operations Division	Armor	52	92	210	365	448	503	665	750	867	1084	2476	266	411
Fort Irwin	Operations Division	ARSOF	25	123	262	365	512	631	730	851	1000	1127	2440	165	441
Fort Irwin	Operations Division	Aviation	41	184	383	507	620	734	807	935	1085	1233	3071	225	444
Fort Irwin	Operations Division	Field Artillery	27	170	345	456	597	733	797	881	987	1155	2476	240	427
Fort Irwin	Operations Division	Infantry	38	235	397	523	638	734	776	850	978	1151	3766	511	424
Fort Irwin	Operations Support Division	Chemical	35	150	282	427	601	705	761	808	885	1098	2003	167	359
Fort Irwin	Operations Support Division	Engineer	49	148	273	325	462	634	777	890	1065	1287	2002	167	459
Fort Irwin	Operations Support Division	Military Intelligence	46	112	201	369	477	647	722	762	907	1045	2440	334	363
Fort Irwin	Operations Support Division	Military Police	33	155	339	585	627	776	837	869	943	1075	1250	266	336
Fort Irwin	Operations Support Division	Public Affairs	92	510	518	583	705	763	800	972	1072	1102	1245	98	325
Fort Irwin	Operations Support Division	Signal	30	103	264	417	566	676	739	817	916	1073	1856	196	367
Fort Irwin	Operations Support Division	Cyber	41	54	148	182	215	287	344	583	614	766	2149	181	392
Fort Irwin	Force Sustainment Division	Health Services	54	206	426	574	702	766	831	923	1125	1239	5621	226	511
Fort Irwin	Force Sustainment Division	Ordnance	11	146	342	434	559	708	773	866	969	1192	3406	502	462
Fort Irwin	Force Sustainment Division	Quartermaster Corps	32	165	345	458	597	727	787	883	998	1189	2596	521	425

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Irwin	Force Sustainment Division	Soldier Support	66	186	275	435	529	639	724	789	960	1134	4870	209	597
Fort Irwin	Force Sustainment Division	Transportation	32	95	184	354	493	621	731	826	967	1217	3117	217	497
Fort Jackson	Operations Division	Air Defense Artillery	17	65	68	69	70	73	81	89	101	169	2131	387	198
Fort Jackson	Operations Division	Armor	1	66	73	91	106	140	181	275	396	632	1247	684	250
Fort Jackson	Operations Division	ARSOF	1	65	67	68	70	74	80	89	97	136	2534	1540	130
Fort Jackson	Operations Division	Aviation	1	65	67	69	71	73	77	83	94	158	1386	2847	125
Fort Jackson	Operations Division	Field Artillery	1	67	77	92	111	137	156	188	363	549	1545	1259	243
Fort Jackson	Operations Division	Infantry	1	70	90	95	144	221	365	471	661	846	2445	1505	353
Fort Jackson	Operations Support Division	Chemical	7	65	70	75	83	91	94	127	160	234	1162	246	181
Fort Jackson	Operations Support Division	Engineer	7	65	67	70	74	79	90	95	167	360	2033	1902	193
Fort Jackson	Operations Support Division	Military Intelligence	1	65	67	69	71	75	82	90	95	126	2847	2305	159
Fort Jackson	Operations Support Division	Military Police	13	91	92	129	182	205	316	422	596	793	1549	296	309
Fort Jackson	Operations Support Division	Public Affairs	1	64	66	67	68	73	78	82	88	113	1211	237	154
Fort Jackson	Operations Support Division	Signal	1	64	67	69	71	74	80	88	95	170	2847	3822	145
Fort Jackson	Operations Support Division	Cyber	8	65	67	69	70	74	79	87	92	130	571	484	75
Fort Jackson	Force Sustainment Division	Health Services	2	65	68	70	75	84	91	114	228	742	2598	2008	356
Fort Jackson	Force Sustainment Division	Ordnance	1	66	70	76	88	102	136	176	193	219	2642	9243	144
Fort Jackson	Force Sustainment Division	Quartermaster Corps	11	67	68	70	74	80	90	103	129	173	2375	15938	161
Fort Jackson	Force Sustainment Division	Soldier Support	0	69	87	106	137	160	181	207	359	691	2285	3905	298
Fort Jackson	Force Sustainment Division	Transportation	1	65	67	72	78	90	112	135	148	183	1839	1226	159
Fort Knox	Operations Division	Air Defense Artillery	3	63	66	70	76	91	131	159	366	720	2322	132	412
Fort Knox	Operations Division	Armor	1	102	131	142	153	164	175	196	244	626	5577	2315	319
Fort Knox	Operations Division	ARSOF	1	66	70	84	138	176	262	359	496	780	2282	206	342
Fort Knox	Operations Division	Aviation	1	64	68	70	80	91	156	210	372	698	2209	494	343
Fort Knox	Operations Division	Field Artillery	1	98	131	144	154	165	176	200	273	684	5577	2217	338
Fort Knox	Operations Division	Infantry	1	71	148	274	431	576	734	892	1114	1527	2596	507	587
Fort Knox	Operations Support Division	Chemical	23	63	67	76	91	143	239	465	650	924	2397	133	420
Fort Knox	Operations Support Division	Engineer	1	64	65	68	76	82	112	193	460	841	2420	779	397
Fort Knox	Operations Support Division	Military Intelligence	1	65	73	92	156	235	367	487	700	896	1802	295	350
Fort Knox	Operations Support Division	Military Police	32	189	330	441	509	634	718	819	983	1130	2582	130	418
Fort Knox	Operations Support Division	Public Affairs	64	66	68	71	78	92	231	345	502	794	1018	124	304

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Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Knox	Operations Support Division	Signal	1	64	67	73	84	99	182	360	598	977	2676	628	430
Fort Knox	Operations Support Division	Cyber	54	64	68	79	133	231	415	470	649	707	2397	103	501
Fort Knox	Force Sustainment Division	Health Services	1	65	69	82	116	294	470	659	839	1088	4168	690	465
Fort Knox	Force Sustainment Division	Ordnance	1	64	66	68	70	79	88	121	209	658	2676	1725	349
Fort Knox	Force Sustainment Division	Quartermaster Corps	1	64	68	78	92	120	172	349	573	893	3063	1917	450
Fort Knox	Force Sustainment Division	Soldier Support	1	88	144	238	371	469	607	730	912	1147	2562	750	445
Fort Knox	Force Sustainment Division	Transportation	1	63	65	72	91	131	146	194	473	750	2419	648	371
Fort Leavenworth	Operations Division	Air Defense Artillery	1	75	92	107	151	327	361	443	560	695	1181	188	275
Fort Leavenworth	Operations Division	Armor	1	85	106	183	277	351	382	444	635	817	2257	327	365
Fort Leavenworth	Operations Division	ARSOF	1	64	84	165	236	330	381	443	701	921	1520	185	350
Fort Leavenworth	Operations Division	Aviation	1	90	106	184	258	331	368	423	585	862	1839	366	328
Fort Leavenworth	Operations Division	Field Artillery	1	79	105	165	260	343	370	424	611	836	2040	322	368
Fort Leavenworth	Operations Division	Infantry	1	53	64	97	276	358	581	771	1127	1173	2290	228	531
Fort Leavenworth	Operations Support Division	Chemical	1	92	206	335	353	375	433	514	666	758	1623	117	329
Fort Leavenworth	Operations Support Division	Engineer	1	92	180	250	349	379	446	610	724	1008	1786	101	350
Fort Leavenworth	Operations Support Division	Military Intelligence	1	92	182	273	352	381	444	606	757	924	1689	314	356
Fort Leavenworth	Operations Support Division	Military Police	1	113	273	395	573	677	791	911	1075	1341	2756	242	517
Fort Leavenworth	Operations Support Division	Public Affairs	148	168	188	231	273	337	400	421	442	624	806	103	240
Fort Leavenworth	Operations Support Division	Signal	1	89	125	244	344	366	413	472	689	883	1720	288	345
Fort Leavenworth	Operations Support Division	Cyber	1	85	92	136	229	351	368	480	611	726	1181	107	274
Fort Leavenworth	Force Sustainment Division	Health Services	1	92	197	330	372	480	611	731	823	1145	2974	184	456
Fort Leavenworth	Force Sustainment Division	Ordnance	1	92	166	184	327	339	466	549	678	761	1786	187	315
Fort Leavenworth	Force Sustainment Division	Quartermaster Corps	1	197	302	333	344	354	364	373	394	471	2491	2425	188
Fort Leavenworth	Force Sustainment Division	Soldier Support	1	108	210	330	371	441	587	738	846	1068	2282	271	403
Fort Leavenworth	Force Sustainment Division	Transportation	1	92	184	246	327	357	382	461	644	756	1584	178	290
Fort Lee	Operations Division	Air Defense Artillery	25	69	80	84	89	98	189	417	625	944	1170	127	386
Fort Lee	Operations Division	Armor	60	92	99	107	115	119	125	150	278	440	750	292	181
Fort Lee	Operations Division	ARSOF	54	73	79	87	166	185	225	275	385	445	750	114	184
Fort Lee	Operations Division	Aviation	17	61	66	78	99	107	131	153	262	416	750	198	188
Fort Lee	Operations Division	Field Artillery	60	85	97	111	114	120	148	173	246	525	1304	152	290
Fort Lee	Operations Division	Infantry	42	57	84	97	108	115	120	138	176	457	1151	204	260

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Lee	Operations Support Division	Chemical	111	122	141	182	333	389	651	752	860	1222	1347	148	438
Fort Lee	Operations Support Division	Engineer	38	99	110	120	127	131	140	156	201	578	1744	1757	258
Fort Lee	Operations Support Division	Military Intelligence	80	91	91	112	131	154	234	355	743	750	1304	133	364
Fort Lee	Operations Support Division	Military Police	53	348	417	605	757	907	1006	1074	1176	1287	1859	88	423
Fort Lee	Operations Support Division	Public Affairs	72	73	75	76	77	79	80	81	82	84	85	141	9
Fort Lee	Operations Support Division	Signal	18	84	106	149	194	318	417	566	770	1194	1917	183	448
Fort Lee	Operations Support Division	Cyber	91	91	115	131	155	251	251	465	665	750	750	159	282
Fort Lee	Force Sustainment Division	Health Services	8	96	140	183	271	428	587	724	814	1134	2224	189	438
Fort Lee	Force Sustainment Division	Ordnance	11	91	113	128	143	179	197	224	327	688	2491	6420	292
Fort Lee	Force Sustainment Division	Quartermaster Corps	1	82	92	100	108	118	127	141	172	347	3546	24446	253
Fort Lee	Force Sustainment Division	Soldier Support	5	92	181	239	365	467	604	743	886	1115	2075	1126	397
Fort Lee	Force Sustainment Division	Transportation	8	113	176	189	201	215	237	280	467	791	2556	1637	337
Fort Leonard Wood	Operations Division	Air Defense Artillery	64	66	68	71	74	79	90	101	136	206	756	199	100
Fort Leonard Wood	Operations Division	Armor	37	70	80	95	123	136	150	191	372	511	1118	195	204
Fort Leonard Wood	Operations Division	ARSOF	18	64	66	69	74	77	85	96	113	221	796	762	86
Fort Leonard Wood	Operations Division	Aviation	20	66	69	71	76	84	109	164	300	439	1455	291	207
Fort Leonard Wood	Operations Division	Field Artillery	14	70	78	93	122	136	153	211	395	681	1534	371	268
Fort Leonard Wood	Operations Division	Infantry	2	62	84	95	125	182	274	400	544	786	2768	374	355
Fort Leonard Wood	Operations Support Division	Chemical	1	98	134	160	173	184	196	213	241	475	5147	2395	278
Fort Leonard Wood	Operations Support Division	Engineer	1	92	118	134	147	161	175	196	270	532	3389	6588	297
Fort Leonard Wood	Operations Support Division	Military Intelligence	1	64	66	68	70	73	78	84	96	124	1041	1381	86
Fort Leonard Wood	Operations Support Division	Military Police	2	135	153	162	170	178	190	207	259	758	2573	3704	308
Fort Leonard Wood	Operations Support Division	Public Affairs	2	132	141	145	156	160	179	194	223	264	1277	177	203
Fort Leonard Wood	Operations Support Division	Signal	7	64	67	69	73	78	87	92	174	511	1707	492	255
Fort Leonard Wood	Operations Support Division	Cyber	31	66	67	69	71	75	79	102	159	240	1306	166	183
Fort Leonard Wood	Force Sustainment Division	Health Services	2	64	66	68	72	80	91	109	190	756	2775	1776	363
Fort Leonard Wood	Force Sustainment Division	Ordnance	7	66	71	79	90	99	130	173	225	513	3739	1637	296
Fort Leonard Wood	Force Sustainment Division	Quartermaster Corps	1	64	70	77	90	109	157	238	404	765	2557	2280	344
Fort Leonard Wood	Force Sustainment Division	Soldier Support	39	89	119	183	309	455	548	672	823	1095	2256	730	396
Fort Leonard Wood	Force Sustainment Division	Transportation	26	69	79	89	101	123	141	155	171	206	2156	3740	169
Fort Meade	Operations Division	Air Defense Artillery	46	68	116	168	332	393	601	861	1026	1137	1806	114	538

PHIP 39-12-1220, Installation Assignment Durations and Patterns

December 2020

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Meade	Operations Division	Armor	1	68	113	164	323	406	516	764	901	1028	1790	145	440
Fort Meade	Operations Division	ARSOF	1	95	120	136	156	181	227	377	608	1086	2288	349	410
Fort Meade	Operations Division	Aviation	26	91	189	288	365	475	681	846	962	1152	2213	127	490
Fort Meade	Operations Division	Field Artillery	1	125	182	273	365	417	548	729	926	1195	1806	115	443
Fort Meade	Operations Division	Infantry	1	89	182	251	313	366	642	926	1129	1409	2078	119	524
Fort Meade	Operations Support Division	Chemical	28	79	225	261	272	287	444	782	910	968	1540	141	449
Fort Meade	Operations Support Division	Engineer	128	149	182	214	256	280	316	556	702	844	1260	343	332
Fort Meade	Operations Support Division	Military Intelligence	1	92	157	231	356	457	608	794	1004	1228	2968	1087	470
Fort Meade	Operations Support Division	Military Police	2	127	365	455	511	589	720	871	1007	1126	1366	128	378
Fort Meade	Operations Support Division	Public Affairs	28	112	122	135	147	164	183	219	299	680	2288	225	325
Fort Meade	Operations Support Division	Signal	1	123	143	182	241	278	321	365	509	919	3111	1491	376
Fort Meade	Operations Support Division	Cyber	27	91	182	273	389	687	895	1010	1119	1319	1944	253	513
Fort Meade	Force Sustainment Division	Health Services	11	126	271	441	670	785	926	1030	1158	1295	2674	184	493
Fort Meade	Force Sustainment Division	Ordnance	25	93	259	366	459	598	685	806	978	1413	1709	201	444
Fort Meade	Force Sustainment Division	Quartermaster Corps	1	121	258	344	509	663	789	917	1110	1355	2333	263	480
Fort Meade	Force Sustainment Division	Soldier Support	1	182	281	406	557	703	796	894	1098	1240	5246	259	558
Fort Meade	Force Sustainment Division	Transportation	56	104	139	351	504	659	758	897	1003	1244	1948	187	479
Fort Polk	Operations Division	Air Defense Artillery	15	92	370	433	522	706	765	819	880	1119	1639	161	373
Fort Polk	Operations Division	Armor	54	183	362	457	591	728	817	947	1089	1293	3351	688	468
Fort Polk	Operations Division	ARSOF	58	158	365	513	667	740	880	1043	1121	1282	2204	249	439
Fort Polk	Operations Division	Aviation	1	203	362	459	590	698	762	890	1092	1257	3955	377	461
Fort Polk	Operations Division	Field Artillery	45	182	352	461	616	731	825	956	1089	1296	3351	896	466
Fort Polk	Operations Division	Infantry	47	186	378	503	659	781	887	1046	1202	1469	3360	1085	490
Fort Polk	Operations Support Division	Chemical	19	151	355	482	601	701	796	898	1006	1275	2655	156	448
Fort Polk	Operations Support Division	Engineer	50	92	184	365	503	697	794	919	1140	1392	3348	341	528
Fort Polk	Operations Support Division	Military Intelligence	11	175	328	470	606	740	805	960	1087	1230	2744	326	431
Fort Polk	Operations Support Division	Military Police	27	247	381	599	712	770	878	994	1183	1424	2972	171	546
Fort Polk	Operations Support Division	Public Affairs	58	113	273	381	456	523	699	818	904	1056	1449	158	372
Fort Polk	Operations Support Division	Signal	50	99	269	442	561	705	787	921	1067	1258	3069	334	509
Fort Polk	Operations Support Division	Cyber	58	63	181	265	410	458	628	717	761	877	1160	108	326
Fort Polk	Force Sustainment Division	Health Services	38	181	374	527	645	730	783	905	1065	1323	5068	518	525

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Polk	Force Sustainment Division	Ordnance	19	125	279	457	609	706	788	920	1117	1362	3069	554	500
Fort Polk	Force Sustainment Division	Quartermaster Corps	1	181	311	423	546	707	800	911	1075	1348	3552	1067	490
Fort Polk	Force Sustainment Division	Soldier Support	20	109	261	393	483	614	729	777	888	1071	1775	199	384
Fort Polk	Force Sustainment Division	Transportation	40	97	244	356	484	657	761	840	985	1289	2749	270	461
Fort Riley	Operations Division	Air Defense Artillery	136	378	530	684	765	803	852	968	1114	1276	2010	134	416
Fort Riley	Operations Division	Armor	46	183	295	490	633	726	860	1022	1167	1372	2396	371	458
Fort Riley	Operations Division	ARSOF	17	139	301	443	586	696	780	880	1080	1241	1990	102	420
Fort Riley	Operations Division	Aviation	17	128	320	457	634	777	930	1079	1234	1437	2720	566	514
Fort Riley	Operations Division	Field Artillery	7	144	321	490	642	774	919	1058	1193	1421	4510	535	527
Fort Riley	Operations Division	Infantry	11	191	352	504	653	787	887	1019	1218	1453	3387	543	514
Fort Riley	Operations Support Division	Chemical	57	182	298	442	620	739	852	916	1055	1221	1763	122	416
Fort Riley	Operations Support Division	Engineer	21	92	235	366	540	722	822	923	1092	1369	3004	320	549
Fort Riley	Operations Support Division	Military Intelligence	47	91	220	339	451	569	702	856	1067	1233	2542	333	438
Fort Riley	Operations Support Division	Military Police	76	274	396	489	682	797	929	1015	1189	1319	1953	150	421
Fort Riley	Operations Support Division	Public Affairs	23	108	273	320	457	581	738	905	1008	1113	1438	107	400
Fort Riley	Operations Support Division	Signal	4	92	233	362	492	654	763	940	1089	1320	3211	466	479
Fort Riley	Operations Support Division	Cyber	66	143	193	251	368	457	572	710	851	1155	1704	139	396
Fort Riley	Force Sustainment Division	Health Services	2	182	279	408	575	693	785	954	1108	1323	2279	396	457
Fort Riley	Force Sustainment Division	Ordnance	4	128	280	414	548	702	812	947	1123	1335	3211	803	489
Fort Riley	Force Sustainment Division	Quartermaster Corps	26	163	326	469	653	766	899	1052	1190	1436	3377	1035	528
Fort Riley	Force Sustainment Division	Soldier Support	52	162	323	468	591	741	782	883	1015	1195	2265	200	403
Fort Riley	Force Sustainment Division	Transportation	35	114	274	403	527	670	778	919	1059	1327	2791	336	508
Fort Rucker	Operations Division	Air Defense Artillery	50	68	139	171	190	215	231	276	370	602	1060	288	247
Fort Rucker	Operations Division	Armor	11	58	72	89	143	180	215	304	625	830	1037	443	308
Fort Rucker	Operations Division	ARSOF	25	53	62	69	72	85	125	193	232	288	1902	291	291
Fort Rucker	Operations Division	Aviation	1	95	158	219	357	496	579	672	808	1096	2866	4084	408
Fort Rucker	Operations Division	Field Artillery	8	54	75	115	176	218	249	326	470	798	1060	284	273
Fort Rucker	Operations Division	Infantry	46	56	69	70	74	89	99	180	297	784	2206	465	359
Fort Rucker	Operations Support Division	Chemical	58	96	158	183	209	214	333	458	899	1156	1235	105	428
Fort Rucker	Operations Support Division	Engineer	45	75	130	172	273	487	783	986	1199	1527	3107	470	725
Fort Rucker	Operations Support Division	Military Intelligence	8	49	66	74	89	92	130	194	317	583	1902	284	314

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Rucker	Operations Support Division	Military Police	17	56	74	115	354	619	720	819	951	1091	1464	260	430
Fort Rucker	Operations Support Division	Public Affairs	75	78	80	83	84	85	85	86	89	91	94	186	8
Fort Rucker	Operations Support Division	Signal	8	50	76	91	147	215	309	429	675	894	1737	362	349
Fort Rucker	Operations Support Division	Cyber	56	153	182	218	254	322	365	439	569	728	1268	288	276
Fort Rucker	Force Sustainment Division	Health Services	35	91	160	217	361	469	598	725	1003	1286	2429	351	506
Fort Rucker	Force Sustainment Division	Ordnance	38	68	85	114	172	217	405	648	796	934	1708	409	410
Fort Rucker	Force Sustainment Division	Quartermaster Corps	20	92	182	273	365	449	478	542	633	797	1764	1115	311
Fort Rucker	Force Sustainment Division	Soldier Support	53	74	92	182	278	386	498	638	832	1058	3445	476	428
Fort Rucker	Force Sustainment Division	Transportation	48	63	78	98	145	153	212	346	561	645	727	185	251
Fort Sill	Operations Division	Air Defense Artillery	1	66	73	86	109	149	167	211	303	746	2493	2908	377
Fort Sill	Operations Division	Armor	1	79	98	115	129	146	162	182	208	309	2740	4061	252
Fort Sill	Operations Division	ARSOF	22	53	66	68	76	90	118	159	228	519	2826	629	403
Fort Sill	Operations Division	Aviation	12	68	89	143	170	190	214	260	330	721	2704	1137	354
Fort Sill	Operations Division	Field Artillery	1	80	105	120	133	146	161	182	210	476	3740	9379	311
Fort Sill	Operations Division	Infantry	14	73	92	117	181	212	320	457	676	932	3422	509	454
Fort Sill	Operations Support Division	Chemical	31	65	86	92	124	180	273	367	661	1059	2628	263	471
Fort Sill	Operations Support Division	Engineer	7	66	71	84	92	115	147	181	273	547	2755	809	301
Fort Sill	Operations Support Division	Military Intelligence	25	65	67	69	76	82	106	154	238	458	2192	1419	288
Fort Sill	Operations Support Division	Military Police	16	113	183	274	364	469	572	756	882	1214	2268	114	472
Fort Sill	Operations Support Division	Public Affairs	6	35	51	61	66	78	90	143	393	856	2626	104	606
Fort Sill	Operations Support Division	Signal	1	65	68	77	87	116	223	305	624	993	2450	909	426
Fort Sill	Operations Support Division	Cyber	13	67	78	99	142	159	185	220	365	692	2192	704	340
Fort Sill	Force Sustainment Division	Health Services	2	65	66	69	74	83	88	101	182	768	2879	2872	382
Fort Sill	Force Sustainment Division	Ordnance	7	67	69	76	91	121	230	345	639	1057	4264	1974	474
Fort Sill	Force Sustainment Division	Quartermaster Corps	1	68	76	92	125	181	267	463	769	1055	3322	2302	466
Fort Sill	Force Sustainment Division	Soldier Support	7	64	81	92	148	223	365	521	732	973	1989	792	389
Fort Sill	Force Sustainment Division	Transportation	6	66	67	75	89	116	146	183	430	867	2372	1026	373
Fort Stewart	Operations Division	Air Defense Artillery	13	109	259	443	548	693	785	981	1105	1379	2534	124	509
Fort Stewart	Operations Division	Armor	3	182	330	489	665	767	896	1052	1272	1679	4268	723	602
Fort Stewart	Operations Division	ARSOF	40	111	249	365	493	641	737	916	1114	1525	4383	635	621
Fort Stewart	Operations Division	Aviation	1	116	273	402	560	715	856	1011	1236	1577	4822	1461	624

Installation	PMD	CMF	Assignment Duration (days)													
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd	
Fort Stewart	Operations Division	Field Artillery	34	141	292	469	638	747	872	1001	1182	1557	4268	1039	573	
Fort Stewart	Operations Division	Infantry	12	220	390	564	723	835	978	1147	1438	1891	4820	1533	721	
Fort Stewart	Operations Support Division	Chemical	44	185	365	481	606	772	881	955	1119	1557	3088	270	543	
Fort Stewart	Operations Support Division	Engineer	9	132	247	401	611	735	898	1064	1237	1614	5309	588	656	
Fort Stewart	Operations Support Division	Military Intelligence	6	95	256	392	537	657	770	865	1075	1285	4606	649	493	
Fort Stewart	Operations Support Division	Military Police	34	186	365	500	638	797	912	1042	1188	1408	2189	231	471	
Fort Stewart	Operations Support Division	Public Affairs	13	248	457	641	736	816	941	1086	1440	1687	2087	108	513	
Fort Stewart	Operations Support Division	Signal	25	92	248	380	537	653	780	913	1100	1357	3619	980	511	
Fort Stewart	Operations Support Division	Cyber	51	93	174	252	365	433	548	666	869	1289	1930	156	450	
Fort Stewart	Force Sustainment Division	Health Services	29	200	365	543	685	795	902	1047	1218	1641	4967	1004	601	
Fort Stewart	Force Sustainment Division	Ordnance	9	110	273	452	634	755	886	1040	1233	1581	4267	1747	613	
Fort Stewart	Force Sustainment Division	Quartermaster Corps	2	147	274	465	647	769	908	1062	1252	1633	4267	2612	600	
Fort Stewart	Force Sustainment Division	Soldier Support	1	146	302	432	560	663	776	917	1070	1240	3828	515	484	
Fort Stewart	Force Sustainment Division	Transportation	27	129	259	365	492	615	758	900	1074	1350	3163	773	533	
Fort Wainwright	Operations Division	Air Defense Artillery	121	282	385	444	578	854	920	1071	1119	1421	1778	233	441	
Fort Wainwright	Operations Division	Armor	29	116	190	352	511	669	884	1043	1133	1397	2762	445	537	
Fort Wainwright	Operations Division	ARSOF	80	172	277	505	796	1006	1081	1114	1135	1407	3218	277	581	
Fort Wainwright	Operations Division	Aviation	25	183	421	636	832	1043	1109	1140	1248	1422	2929	465	509	
Fort Wainwright	Operations Division	Field Artillery	16	92	253	429	638	866	986	1088	1140	1357	2762	511	523	
Fort Wainwright	Operations Division	Infantry	13	168	333	479	682	831	994	1091	1128	1275	4860	1192	513	
Fort Wainwright	Operations Support Division	Chemical	122	328	446	505	662	761	861	1009	1099	1138	1183	149	331	
Fort Wainwright	Operations Support Division	Engineer	22	100	193	401	543	763	965	1063	1134	1320	3183	297	524	
Fort Wainwright	Operations Support Division	Military Intelligence	37	93	136	246	376	546	748	963	1062	1132	2223	179	449	
Fort Wainwright	Operations Support Division	Military Police	59	425	598	712	887	1053	1089	1111	1139	1214	1868	106	373	
Fort Wainwright	Operations Support Division	Public Affairs	486	765	1044	1045	1046	1067	1088	1107	1126	1272	1417	51	303	
Fort Wainwright	Operations Support Division	Signal	47	92	172	252	386	521	765	948	1106	1181	1994	346	437	
Fort Wainwright	Operations Support Division	Cyber	91	92	93	95	195	298	421	453	486	915	1108	185	326	
Fort Wainwright	Force Sustainment Division	Health Services	6	201	391	557	733	954	1080	1116	1146	1356	3259	415	528	
Fort Wainwright	Force Sustainment Division	Ordnance	5	184	400	515	695	897	1056	1101	1142	1240	2386	499	455	
Fort Wainwright	Force Sustainment Division	Quartermaster Corps	34	222	391	599	860	1020	1104	1127	1196	1470	3058	652	515	
Fort Wainwright	Force Sustainment Division	Soldier Support	15	95	268	428	487	572	778	943	1055	1152	2264	251	462	

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Fort Wainwright	Force Sustainment Division	Transportation	1	113	234	379	562	732	887	1070	1113	1213	1946	165	454
JB Elmendorf-Richardson	Operations Division	Air Defense Artillery	17	145	253	457	516	566	635	820	1022	1191	2630	124	560
JB Elmendorf-Richardson	Operations Division	Armor	7	117	215	355	541	766	928	1076	1136	1255	3813	564	550
JB Elmendorf-Richardson	Operations Division	ARSOF	46	99	122	181	365	619	843	1027	1120	1350	1997	164	512
JB Elmendorf-Richardson	Operations Division	Aviation	25	92	234	365	578	727	835	981	1067	1131	2363	179	429
JB Elmendorf-Richardson	Operations Division	Field Artillery	7	182	309	468	695	824	976	1094	1137	1276	3813	816	515
JB Elmendorf-Richardson	Operations Division	Infantry	9	147	355	533	764	914	1074	1123	1233	1522	5034	2256	580
JB Elmendorf-Richardson	Operations Support Division	Chemical	45	92	228	381	552	819	958	1110	1133	1282	2055	102	469
JB Elmendorf-Richardson	Operations Support Division	Engineer	12	115	205	299	462	632	771	1035	1119	1253	2631	641	473
JB Elmendorf-Richardson	Operations Support Division	Military Intelligence	74	176	309	500	617	803	894	1031	1107	1213	2676	280	443
JB Elmendorf-Richardson	Operations Support Division	Military Police	3	184	307	458	602	766	1049	1109	1133	1255	2172	143	454
JB Elmendorf-Richardson	Operations Support Division	Public Affairs	315	737	878	917	975	1114	1188	1212	1270	1481	1997	177	453
JB Elmendorf-Richardson	Operations Support Division	Signal	12	140	288	470	705	817	956	1086	1126	1240	2698	486	468
JB Elmendorf-Richardson	Operations Support Division	Cyber	74	96	182	273	485	520	601	1028	1096	1130	1237	194	403
JB Elmendorf-Richardson	Force Sustainment Division	Health Services	9	279	501	684	811	996	1088	1115	1150	1271	2926	371	458
JB Elmendorf-Richardson	Force Sustainment Division	Ordnance	3	160	277	418	573	754	912	1078	1124	1273	3169	958	478
JB Elmendorf-Richardson	Force Sustainment Division	Quartermaster Corps	17	175	308	457	656	830	1035	1098	1128	1270	2841	1288	472
JB Elmendorf-Richardson	Force Sustainment Division	Soldier Support	8	123	265	432	551	686	771	943	1080	1184	2834	226	462
JB Elmendorf-Richardson	Force Sustainment Division	Transportation	35	155	273	413	621	817	955	1089	1113	1226	1862	314	441
JB Langley-Eustis	Operations Division	Air Defense Artillery	84	166	212	221	245	272	291	487	572	689	707	185	217
JB Langley-Eustis	Operations Division	Armor	34	73	136	157	173	219	303	392	615	839	1151	224	319
JB Langley-Eustis	Operations Division	ARSOF	34	88	104	182	189	274	353	533	650	806	869	237	282
JB Langley-Eustis	Operations Division	Aviation	4	121	143	155	168	182	202	225	267	547	2803	4508	259
JB Langley-Eustis	Operations Division	Field Artillery	34	91	148	190	239	365	426	597	716	992	1948	304	391
JB Langley-Eustis	Operations Division	Infantry	10	93	134	172	192	217	271	289	462	688	1191	147	248
JB Langley-Eustis	Operations Support Division	Chemical	50	94	226	327	467	573	768	865	937	1048	1164	185	367
JB Langley-Eustis	Operations Support Division	Engineer	1	99	172	256	377	466	615	802	883	1409	2649	217	551
JB Langley-Eustis	Operations Support Division	Military Intelligence	35	161	286	397	562	618	711	860	1067	1125	1948	141	441
JB Langley-Eustis	Operations Support Division	Military Police	36	273	393	455	573	668	724	857	1003	1141	1531	93	338
JB Langley-Eustis	Operations Support Division	Public Affairs	92	128	163	247	379	511	654	797	1042	1388	1734	148	665
JB Langley-Eustis	Operations Support Division	Signal	42	125	195	241	372	518	619	735	954	1125	2100	258	416

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
JB Langley-Eustis	Operations Support Division	Cyber	91	170	194	202	224	247	295	555	629	783	1597	186	343
JB Langley-Eustis	Force Sustainment Division	Health Services	16	154	188	285	456	573	708	808	1005	1184	2501	255	434
JB Langley-Eustis	Force Sustainment Division	Ordnance	1	141	185	230	280	436	612	734	986	1179	2532	359	462
JB Langley-Eustis	Force Sustainment Division	Quartermaster Corps	1	113	189	365	488	623	730	868	1020	1327	2823	631	501
JB Langley-Eustis	Force Sustainment Division	Soldier Support	32	149	184	302	380	484	582	754	950	1151	2118	586	394
JB Langley-Eustis	Force Sustainment Division	Transportation	17	77	92	128	271	435	616	800	1048	1494	5728	1415	694
JB Lewis-McChord	Operations Division	Air Defense Artillery	13	92	274	366	531	664	755	878	1065	1262	2128	178	457
JB Lewis-McChord	Operations Division	Armor	11	182	362	479	641	789	921	1056	1211	1524	4200	936	557
JB Lewis-McChord	Operations Division	ARSOF	1	184	366	549	750	946	1111	1351	1644	2181	6453	3805	863
JB Lewis-McChord	Operations Division	Aviation	2	116	260	436	600	753	878	1063	1272	1547	4153	1059	620
JB Lewis-McChord	Operations Division	Field Artillery	30	182	354	504	672	790	913	1049	1199	1420	4200	1337	527
JB Lewis-McChord	Operations Division	Infantry	17	214	426	596	736	847	993	1176	1409	1803	5811	2601	674
JB Lewis-McChord	Operations Support Division	Chemical	13	156	272	426	576	718	864	996	1182	1490	3311	364	540
JB Lewis-McChord	Operations Support Division	Engineer	19	96	193	365	538	683	799	928	1092	1368	3419	898	550
JB Lewis-McChord	Operations Support Division	Military Intelligence	18	92	166	273	400	546	714	852	1051	1297	3226	1216	474
JB Lewis-McChord	Operations Support Division	Military Police	66	248	389	510	638	751	857	978	1120	1373	2514	375	443
JB Lewis-McChord	Operations Support Division	Public Affairs	16	182	294	419	521	640	757	842	993	1192	2783	163	453
JB Lewis-McChord	Operations Support Division	Signal	27	99	205	351	457	610	739	890	1086	1354	3213	1326	506
JB Lewis-McChord	Operations Support Division	Cyber	26	92	247	365	539	672	795	919	1130	1310	1810	197	448
JB Lewis-McChord	Force Sustainment Division	Health Services	1	181	345	444	595	757	889	1055	1215	1551	5571	1941	578
JB Lewis-McChord	Force Sustainment Division	Ordnance	22	108	215	365	525	682	814	968	1147	1446	4774	1918	559
JB Lewis-McChord	Force Sustainment Division	Quartermaster Corps	1	92	185	357	459	622	782	951	1147	1428	4214	2786	539
JB Lewis-McChord	Force Sustainment Division	Soldier Support	1	108	245	370	500	660	768	925	1100	1282	2985	705	461
JB Lewis-McChord	Force Sustainment Division	Transportation	26	112	227	346	458	643	781	891	1061	1337	3437	797	529
JB Myer-Henderson Hall	Operations Division	Air Defense Artillery	28	155	179	191	208	222	270	389	511	602	678	154	207
JB Myer-Henderson Hall	Operations Division	Armor	83	396	462	585	674	732	763	805	859	1027	1369	139	269
JB Myer-Henderson Hall	Operations Division	ARSOF	79	248	309	375	421	511	541	606	678	883	1250	126	282
JB Myer-Henderson Hall	Operations Division	Aviation	92	156	277	357	394	476	613	747	806	1192	1451	131	383
JB Myer-Henderson Hall	Operations Division	Field Artillery	83	381	421	477	548	641	696	731	753	844	1125	189	233
JB Myer-Henderson Hall	Operations Division	Infantry	3	260	526	729	862	1008	1141	1246	1401	1699	4019	511	577
JB Myer-Henderson Hall	Operations Support Division	Chemical	241	305	604	740	786	808	1008	1491	1668	1697	1771	187	560

PHIP 39-12-1220, Installation Assignment Durations and Patterns

December 2020

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
JB Myer-Henderson Hall	Operations Support Division	Engineer	92	182	271	326	345	365	757	1150	1471	1720	1969	285	804
JB Myer-Henderson Hall	Operations Support Division	Military Intelligence	38	127	239	299	314	372	395	404	465	756	852	133	218
JB Myer-Henderson Hall	Operations Support Division	Military Police	37	260	492	605	727	742	793	929	1161	1388	1924	190	434
JB Myer-Henderson Hall	Operations Support Division	Public Affairs	256	356	444	508	597	699	959	1149	1198	1228	1250	168	409
JB Myer-Henderson Hall	Operations Support Division	Signal	48	146	259	368	472	615	728	854	1131	1360	3539	171	730
JB Myer-Henderson Hall	Operations Support Division	Cyber	276	276	176	281	419	481	554	762	893	1166	1299	108	372
JB Myer-Henderson Hall	Force Sustainment Division	Health Services	34	131	315	626	735	894	1041	1166	1273	1584	2519	125	557
JB Myer-Henderson Hall	Force Sustainment Division	Ordnance	87	241	393	599	741	898	1177	1328	1739	1965	3092	156	726
JB Myer-Henderson Hall	Force Sustainment Division	Quartermaster Corps	58	101	312	441	598	804	954	1095	1267	1435	2131	251	522
JB Myer-Henderson Hall	Force Sustainment Division	Soldier Support	73	182	282	541	594	746	768	911	1298	1850	5559	374	1022
JB Myer-Henderson Hall	Force Sustainment Division	Transportation	91	290	344	408	476	635	765	1041	1168	1265	1330	129	401
JB San Antonio	Operations Division	Air Defense Artillery	46	65	90	168	232	327	470	593	698	874	1187	128	326
JB San Antonio	Operations Division	Armor	59	122	176	281	419	481	554	762	893	1166	1299	274	372
JB San Antonio	Operations Division	ARSOF	21	126	182	330	394	411	520	635	823	1082	1785	229	367
JB San Antonio	Operations Division	Aviation	1	95	124	172	222	316	370	478	640	904	2312	195	376
JB San Antonio	Operations Division	Field Artillery	22	90	125	182	275	372	449	662	785	963	1511	237	345
JB San Antonio	Operations Division	Infantry	1	95	139	181	224	325	392	539	703	907	1924	330	375
JB San Antonio	Operations Support Division	Chemical	59	117	159	331	374	431	499	649	791	878	2160	118	379
JB San Antonio	Operations Support Division	Engineer	26	93	132	153	197	331	463	705	904	1119	1648	380	410
JB San Antonio	Operations Support Division	Military Intelligence	20	114	197	343	456	626	757	829	1009	1189	2374	520	438
JB San Antonio	Operations Support Division	Military Police	47	92	183	365	492	570	699	779	904	1187	1476	107	395
JB San Antonio	Operations Support Division	Public Affairs	21	157	262	386	441	481	610	765	910	1408	2996	152	566
JB San Antonio	Operations Support Division	Signal	43	109	196	309	413	519	666	765	857	1037	2374	338	373
JB San Antonio	Operations Support Division	Cyber	46	64	144	183	308	435	519	595	779	917	1227	261	341
JB San Antonio	Force Sustainment Division	Health Services	1	95	126	141	154	171	191	230	420	806	4716	11967	390
JB San Antonio	Force Sustainment Division	Ordnance	3	83	122	166	217	273	392	473	633	904	1772	278	338
JB San Antonio	Force Sustainment Division	Quartermaster Corps	35	90	125	182	239	365	434	595	779	1093	2240	880	391
JB San Antonio	Force Sustainment Division	Soldier Support	1	115	220	365	449	573	732	907	1099	1275	2376	785	461
JB San Antonio	Force Sustainment Division	Transportation	59	91	140	196	303	420	508	750	834	1032	2149	319	414
Presidio of Monterey	Operations Division	Air Defense Artillery	45	154	263	371	480	589	599	609	618	628	638	206	329
Presidio of Monterey	Operations Division	Armor	56	90	138	188	210	273	371	451	528	618	1503	144	303

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
Presidio of Monterey	Operations Division	ARSOF	47	96	186	283	343	416	501	536	578	699	1819	290	291
Presidio of Monterey	Operations Division	Aviation	45	92	107	150	198	250	307	403	453	583	1094	137	266
Presidio of Monterey	Operations Division	Field Artillery	45	64	92	191	261	408	465	538	632	660	2193	261	420
Presidio of Monterey	Operations Division	Infantry	34	92	150	292	424	479	507	544	616	739	2580	369	336
Presidio of Monterey	Operations Support Division	Chemical	84	251	378	424	564	751	773	796	818	863	918	104	305
Presidio of Monterey	Operations Support Division	Engineer	125	228	283	305	331	381	440	511	668	1031	1513	224	418
Presidio of Monterey	Operations Support Division	Military Intelligence	2	181	262	339	415	487	520	551	623	736	1819	1599	257
Presidio of Monterey	Operations Support Division	Military Police	216	277	379	562	629	638	705	778	865	1013	1191	191	332
Presidio of Monterey	Operations Support Division	Public Affairs	111	137	163	189	215	241	266	292	318	344	370	107	183
Presidio of Monterey	Operations Support Division	Signal	47	54	110	142	174	234	324	493	637	723	897	151	261
Presidio of Monterey	Operations Support Division	Cyber	45	45	164	519	638	638	763	847	847	848	849	321	363
Presidio of Monterey	Force Sustainment Division	Health Services	120	387	490	585	628	696	764	912	977	1057	1463	107	298
Presidio of Monterey	Force Sustainment Division	Ordnance	92	101	111	165	319	333	568	640	704	854	1571	142	391
Presidio of Monterey	Force Sustainment Division	Quartermaster Corps	22	139	248	286	349	425	460	561	726	988	1455	302	315
Presidio of Monterey	Force Sustainment Division	Soldier Support	62	92	321	402	515	587	658	686	766	993	1351	227	320
Presidio of Monterey	Force Sustainment Division	Transportation	77	101	167	196	233	293	362	458	580	607	692	182	218
USAG Hawaii	Operations Division	Air Defense Artillery	76	283	490	612	814	987	1079	1111	1153	1233	2561	234	432
USAG Hawaii	Operations Division	Armor	18	156	273	456	639	782	959	1093	1136	1404	4309	553	533
USAG Hawaii	Operations Division	ARSOF	18	125	272	451	661	823	1028	1097	1143	1307	3136	543	507
USAG Hawaii	Operations Division	Aviation	1	154	324	534	744	917	1068	1108	1174	1477	4109	1038	565
USAG Hawaii	Operations Division	Field Artillery	46	168	343	531	716	847	1011	1098	1161	1424	4309	877	534
USAG Hawaii	Operations Division	Infantry	16	299	525	732	881	1037	1107	1168	1349	1658	4770	1610	588
USAG Hawaii	Operations Support Division	Chemical	76	183	391	593	866	1055	1108	1134	1284	1489	3654	215	538
USAG Hawaii	Operations Support Division	Engineer	1	136	270	420	598	778	972	1095	1134	1302	3806	925	511
USAG Hawaii	Operations Support Division	Military Intelligence	2	122	266	408	574	740	964	1095	1135	1306	3009	1044	494
USAG Hawaii	Operations Support Division	Military Police	48	286	532	744	948	1055	1099	1120	1165	1385	4083	365	467
USAG Hawaii	Operations Support Division	Public Affairs	34	168	342	522	652	855	984	1108	1161	1289	1867	95	429
USAG Hawaii	Operations Support Division	Signal	9	131	271	447	614	777	963	1095	1140	1397	3448	1226	524
USAG Hawaii	Operations Support Division	Cyber	24	112	204	295	466	656	925	1081	1119	1345	2460	191	518
USAG Hawaii	Force Sustainment Division	Health Services	3	179	347	533	726	867	1072	1121	1165	1432	3460	1091	501
USAG Hawaii	Force Sustainment Division	Ordnance	14	154	319	547	747	944	1094	1120	1191	1402	3705	1440	519

Installation	PMD	CMF	Assignment Duration (days)												
			p0	p10	p20	p30	p40	p50	p60	p70	p80	p90	p100	n	sd
USAG Hawaii	Force Sustainment Division	Quartermaster Corps	22	163	356	572	789	987	1091	1124	1231	1518	3970	2188	579
USAG Hawaii	Force Sustainment Division	Soldier Support	10	166	292	430	610	762	912	1086	1152	1432	3433	588	520
USAG Hawaii	Force Sustainment Division	Transportation	22	124	251	393	607	779	949	1091	1131	1411	2771	522	508
USAG West Point	Operations Division	Air Defense Artillery	84	273	273	365	384	393	593	782	802	1155	1434	113	413
USAG West Point	Operations Division	Armor	46	81	128	186	273	346	468	581	721	896	1498	267	368
USAG West Point	Operations Division	ARSOF	48	87	199	361	410	537	677	739	906	1105	2148	151	450
USAG West Point	Operations Division	Aviation	46	77	99	182	257	380	557	784	898	1083	1773	377	408
USAG West Point	Operations Division	Field Artillery	17	90	185	246	283	377	493	620	858	1153	1465	206	396
USAG West Point	Operations Division	Infantry	58	319	389	428	568	761	823	989	1063	1406	1785	244	420
USAG West Point	Operations Support Division	Chemical	47	88	92	112	159	243	417	643	834	1143	1181	111	440
USAG West Point	Operations Support Division	Engineer	26	73	114	209	359	455	675	795	1006	1233	3192	157	589
USAG West Point	Operations Support Division	Military Intelligence	17	89	96	169	233	315	379	601	771	1045	2148	328	437
USAG West Point	Operations Support Division	Military Police	62	186	423	587	721	774	806	903	1023	1089	2627	314	430
USAG West Point	Operations Support Division	Public Affairs	428	452	475	535	630	725	850	975	1041	1048	1055	168	296
USAG West Point	Operations Support Division	Signal	17	92	182	222	274	367	550	738	821	1131	1700	126	404
USAG West Point	Operations Support Division	Cyber	273	276	317	384	468	593	718	802	1020	1147	1155	214	343
USAG West Point	Force Sustainment Division	Health Services	47	183	355	448	593	706	837	974	1114	1389	3265	243	538
USAG West Point	Force Sustainment Division	Ordnance	7	77	91	190	212	236	536	607	709	768	1414	173	365
USAG West Point	Force Sustainment Division	Quartermaster Corps	14	177	273	348	421	606	760	822	1087	1213	1984	647	431
USAG West Point	Force Sustainment Division	Soldier Support	54	125	273	364	430	667	816	1051	1134	1461	2348	311	525
USAG West Point	Force Sustainment Division	Transportation	49	87	136	276	363	417	551	593	834	1014	1819	189	464

Legend:

PMD = Personnel Management Division

CMF = career management field

p = percentile

n = number of personnel

sd = standard deviation

ARSOF = Army Special Operations Forces

JB = Joint Base

USAG = U.S. Army Garrison

Table B-3. Assignment Path Analysis Summary Statistics

Assignment Path – 5-Year Period of Military Service	% of total (n = 59,555)
Fort Benning/Fort Bragg	9.2%
Fort Benning	6.3%
Fort Bragg	4.6%
Fort Leonard Wood/Fort Bragg	4.3%
Fort Sill/Fort Bragg	3.2%
Fort Leonard Wood	3.0%
Fort Jackson/Fort Bragg	2.6%
Fort Sill	2.6%
Fort Jackson/Fort Lee/Fort Bragg	2.5%
Fort Jackson	2.4%
Fort Benning/Fort Bragg/Fort Campbell	2.3%
Fort Benning/Fort Gordon/Fort Bragg	2.3%
Fort Benning/Fort Bragg/JB Lewis-McChord	2.2%
Fort Jackson/Fort Gordon	2.1%
Fort Jackson/Fort Gordon/Fort Bragg	2.0%
Fort Benning/Fort Bragg/Fort Carson	2.0%
Fort Jackson/JB Langley-Eustis/Fort Bragg	1.9%
Fort Hood	1.9%
Fort Jackson/Fort Lee	1.8%
Fort Gordon/Fort Bragg	1.8%
Fort Benning/Fort Gordon	1.7%
Fort Benning/Fort Campbell	1.6%
Fort Gordon	1.6%
Fort Sill/Fort Benning/Fort Bragg	1.5%
Fort Jackson/Fort Benning	1.5%

[continued]

Assignment Path – 10-Year Period of Military Service	% of total (n = 41,722)
Fort Benning/Fort Bragg	5.3%
Fort Benning	4.7%
Fort Bragg	3.3%
Fort Benning/Fort Bragg/ Fort Benning	3.2%
Fort Benning/Fort Bragg/JB Lewis-McChord	2.7%
Fort Benning/Fort Bragg/Fort Campbell	2.7%
Fort Leonard Wood/Fort Bragg	2.6%
Fort Benning/Fort Bragg/Fort Carson	2.5%
Fort Bragg/Fort Benning	2.4%
Fort Benning/JB Lewis-McChord/Fort Bragg	2.4%
Fort Benning/Fort Stewart	2.4%
Fort Benning/Fort Bragg/Fort Campbell/Fort Bragg	2.3%
Fort Leonard Wood/Fort Bragg/Fort Leonard Wood	2.3%
Fort Benning/JB Lewis-McChord	2.2%
Fort Benning/Fort Campbell/ Fort Bragg	2.2%
Fort Jackson/Fort Bragg	2.1%
Fort Sill/Fort Bragg	2.1%
Fort Leonard Wood	2.0%
Fort Benning/Fort Bragg/JB Lewis-McChord/Fort Bragg	1.9%
JB Lewis-McChord/Fort Bragg	1.8%
Fort Sill	1.7%
Fort Benning/Fort Campbell	1.6%
Fort Hood/Fort Bragg	1.6%
Fort Campbell/ Fort Bragg	1.5%
Fort Benning/Fort Bragg/Fort Carson/Fort Bragg	1.5%

Legend:

JB = Joint Base

GLOSSARY

AAG

Army Analytics Group

ACT-FAM

Active Duty Family

ACT-MAST

Active Duty Military Personnel Master

ACT-TRAN

Active Duty Personnel Transaction

APHC

U.S. Army Public Health

ARSOF

Army Special Operations Forces

ATP

Army Technical Publication

CMF

Career Management Field

CONUS

Continental United States

DEERS

Defense Enrollment Eligibility Reporting System

DOD

Department of Defense

DOE

Department of Energy

EHIs

Environmental Health Indicators

ITAP

Integrated Total Army Personnel

JB

Joint Base

MOS

Military Occupational Specialty

ORNL

Oak Ridge National Laboratory

PDE

Personnel Data Event Environment

PMD

Personnel Management Division

PTIP

Personnel Time on Installation Project

RCCPDS

Reserve Components Common Personnel Data System

SSN

Social Security Number

TG

Technical Guide

TM

Technical Memo

USAEC

U.S. Army Environmental Command

USAG

U.S. Army Garrison