



DMDC

Data Holdings

July 1, 2013

Presented by:
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DMDC

Serving Those Who Serve Our Country



Overview

- What is DMDC?
- Data Sources
- Key Data Files
- How to Request Data
- Person-event Data Environment



Mission

Serve as DoD's source for enterprise human resource information, providing secure services and solutions to support the Department's mission.



Organizational Structure



Mary Dixon
Director

Mark Breckenridge
Deputy Director



Customers

Who receives DMDC's products & services?

- Office of the Secretary of Defense
- Combatant Commands
- All Uniformed Services
- Other Government departments (Transportation, Homeland Security, Social Security Administration, etc.)
- Congress
- Office of Management & Budget, Congressional Budget Office
- Research organizations (RAND, CNA, IDA, etc.)
- Families of Service members
- Assistant Sec. of Def. (Health Affairs) & TRICARE Medical Activity
- Department of Veterans Affairs
- Centers for Medicare & Medicaid Services
- DoD Investigative Agencies
- Coalition & Industry Partners



Army Data Sources

- Total Army Personnel Database (TAPDB) – Active
- Total Army Personnel Database (TAPDB) – Reserve
- Total Army Personnel Database (TAPDB) – Guard
- Defense Joint Military Pay System (DJMS)
- Defense Theater Accountability System (DTAS)
- West Point Military Academy
- Army Training Requirements and Resources System (ATRRS)



Air Force Data Sources

- AF Military Personnel Data System (MILPDS) – Active, Reserve and Guard
- Defense Joint Military Pay System (DJMS)
- Deliberate Crisis Action Planning and Execution System (DCAPES)
- Air Force Academy
- Education and Training Course Announcements System (ETCA)



Navy Data Sources

- Navy Enlisted System (NES)
- Officer Personnel Information System (OPINS)
- Defense Joint Military Pay System (DJMS)
- ITEMPO Database
- Inactive Manpower and Personnel Mgmt Info System (IMAPMIS)
- Naval Academy
- Navy Integrated Training Resources & Administration System (NITRAS)
- Catalog of Navy Training Courses (CANTRAC)
- Individual Augmented Sailors Boots on Ground (BOG)



Marine Corps Data Sources

- Marine Corps Total Force System (MCTFS)
- Defense Finance and Accounting Service (DFAS)
- Defense Theater Accountability System (DTAS)
- Secure Personnel Accountability
- Marine Corps Training Information Management System (MCTIMS)



Other Uniformed Services Data Sources



Coast Guard

- Direct Access/Joint Uniform Military Pay System (DA/JUMPS)
- Coast Guard Human Resources Services



National Oceanographic and Atmospheric Association (NOAA)

- Direct Access/Joint Uniform Military Pay System



Public Health

- CCPayroll



DoD Civil Service Data Sources

- **Appropriated Fund Civilians**
 - Defense Civilian Personnel Data Service (DCPDS)
 - Defense Finance and Accounting Service (DFAS)
- **Non-Appropriated Fund (NAF) Civilians**
 - Army Air Force Exchange Service (AAFES)
 - Navy Exchange Command (NEXCOM)
 - Defense Logistics Agency (DLA)



Other Data Sources

- U.S. MEPCOM Enlisted Military Accessions
- Status of Forces Survey Results
- Retired/Surviving Spouse Pay (DFAS)
- Family member information (ID Card issuance)
- Defense Eligibility Enrollment Reporting System (DEERS)
- National Death Index (military only)
- Contractors issued a DoD Common Access Card (CAC)



DMDC Key Data Files

- Active Duty Military Master
- Active Duty Transactions
- Guard/Reserve Military Master
- Guard/Reserve Transactions
- Enlisted Accessions (MEPCOM)
- Appropriated Fund DoD Civilians
- NAF DoD Civilians
- Active Duty Pay
- Reserve/Guard Pay
- DoD Civilian Pay



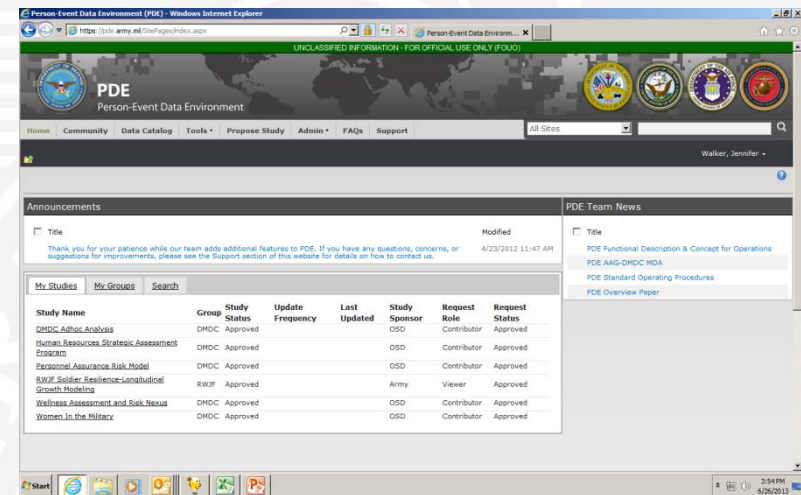
DMDC Key Data Files (cont'd)

- Contingency Tracking System (CTS) File – Deployments
 - Operations Noble Eagle, Enduring Freedom, Iraqi Freedom, and New Dawn
- CTS File - Activations for Reserve/Guard
- Desert Storm/Desert Shield File
- Defense Enrollment and Eligibility Reporting System (DEERS) Medical Point-In-Time Extract (PITE)
 - Servicemember, retiree, and family member eligibility for medical and dental coverage



How Do Customers Obtain Information from DAP?

- Request access to the Person Data Repository (PDE) to conduct a study; contact Jennifer Walker at jennifer.l.walker138.ctr@mail.mil or 831.583.2400 ext. 4679



- DMDC Reporting System (DMDCRS) <https://www.dmdc.osd.mil/dmdcrs>





Person Data Environment (PDE)

- Brings the analyst to the data, rather than data to the analyst
- Co-locates various data into a single environment
- Standardizes data elements among disparate person-event databases from across the Department of Defense
- Provides the analyst access to views of the data as required to complete their study
- Complies with the Privacy Act and the Health Information Portability and Accountability Act by replacing person identifiers with anonymous keys.
- Includes a web front end (SharePoint) for collaboration and a virtual desktop environment (Citrix) where the analyst completes their work
- Includes business intelligence, statistical analysis, and web reporting tools through a secure access portal (e.g., SAS, STAT-A, R, SPSS, etc.)



Person Data Environment (PDE)

Person-Event Data Environment (PDE) - Windows Internet Explorer

https://pde.army.mil/SitePages/index.aspx

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PDE
Person-Event Data Environment

Home Community Data Catalog Tools Propose Study Admin FAQs Support

All Sites

Walker, Jennifer

Announcements

☐ Title

Thank you for your patience while our team adds additional features to PDE. If you have any questions, concerns, or suggestions for improvements, please see the Support section of this website for details on how to contact us.

Modified 4/23/2012 11:47 AM

PDE Team News

☐ Title

- [PDE Functional Description & Concept for Operations](#)
- [PDE AAG-DMDC MOA](#)
- [PDE Standard Operating Procedures](#)
- [PDE Overview Paper](#)

My Studies My Groups Search

Study Name	Group	Study Status	Update Frequency	Last Updated	Study Sponsor	Request Role	Request Status
DMDC Adhoc Analysis	DMDC	Approved			OSD	Contributor	Approved
Human Resources Strategic Assessment Program	DMDC	Approved			OSD	Contributor	Approved
Personnel Assurance Risk Model	DMDC	Approved			OSD	Contributor	Approved
RWJF Soldier Resilience-Longitudinal Growth Modeling	RWJF	Approved			Army	Viewer	Approved
Wellness Assessment and Risk Nexus	DMDC	Approved			OSD	Contributor	Approved
Women In the Military	DMDC	Approved			OSD	Contributor	Approved



Person Data Environment (PDE)

DataCatalog - Windows Internet Explorer

https://pde.army.mil/SitePages/DataCatalog.aspx

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Home Community **Data Catalog** Tools Propose Study Admin FAQs Support

All Sites

Walker, Jennifer

PDE Data Catalog

[Refresh Data Cache](#)

Steps to request data access:

Data Owner: All | Data Source: All | Audience: All | Mission Area: All | Repository: DMDC PDE Database Files, Version 1

[Data Catalog Overview](#)
[Metrics Definitions](#)

Data Asset Business Name	Data Asset System Name	Data Asset Effective Dates	Data Owner	Data Source	Audience	Mission Area	Repository	
Active Duty Desert Storm/Desert Shield -- PDE	ACT_DTY_DSDDS_PDE	-	DMDC	OSD	Open	Human Resources	DMDC PDE Database Files	Request Access
▸ Data Asset Detail								
▸ Data Element Detail								
Active Duty Family - 189 byte -- PDE	ACT_DTY_FAM_189_PDE	12/31/1999-12/31/2002	DMDC	OSD	Open	Human Resources	DMDC PDE Database Files	Request Access
▸ Data Asset Detail								
▸ Data Element Detail								
Active Duty Family - 192 byte -- PDE	ACT_DTY_FAM_192_PDE	3/31/2003-12/31/2003	DMDC	OSD	Open	Human Resources	DMDC PDE Database Files	Request Access
▸ Data Asset Detail								
▸ Data Element Detail								
Active Duty Family - 193 byte -- PDE	ACT_DTY_FAM_193_PDE	3/31/2004-9/30/2004	DMDC	OSD	Open	Human Resources	DMDC PDE Database Files	Request Access
▸ Data Asset Detail								
▸ Data Element Detail								

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Person Data Environment (PDE)

DataCatalog - Windows Internet Explorer

https://pde.army.mil/SitePages/DataCatalog.aspx

Active Duty Military Personnel Master -- PDE (V2) MASTER_AD_PDE_2 1/31/2013-Present DMDC OSD Open Human Resources DMDC PDE Database Files [Request Access](#)

► Data Asset Detail
▼ Data Element Detail

Business Name	System Name	Data Type	Size	Precision	Effective Dates	Uniqueness	Conformance	Completeness	Consistency
Access Security Clearance Code	ACS_SCRTY_CLRNC_CD	VARCHAR2	1		-	-	100.00%	0.00%	-
Accession Program Source Code	ACC_PGM_SRC_CD	VARCHAR2	1		-	-	100.00%	66.56%	-
Active Duty Loan Repayment Incentive Program Education Type Code	AD_LRP_INCN_PGM_EDU_TYP_CD	VARCHAR2	1		-	-	100.00%	0.24%	-
Active Duty Loan Repayment Incentive Program Eligibility Completion Date	AD_LRP_INCN_PGM_ELIG_CMPL_DT	DATE			-	-	-	0.02%	-
Active Duty Loan Repayment Incentive Program Eligibility Effective Date	AD_LRP_INCN_PGM_ELIG_EFF_DT	DATE			-	-	-	0.00%	-
Active Duty Service Projected End Date	ADSVC_PE_DT	DATE			-	-	-	88.88%	-
Active Federal Military Officer Service Base Date	AFM_O SVC_BASE_DT	DATE			-	-	-	-	-
Active Federal Military Service Base Date	AFMS_BASE_DT	DATE			-	-	-	99.94%	-
Active Federal Military Service Month Quantity	AFMS_MN_QY	NUMBER	3	0	-	-	-	100.00%	-
Active Federal Military Service Year Quantity	AFMS_YR_QY	NUMBER	2	0	-	-	-	100.00%	-
Active Service Agreement Duration Year Quantity	ASVC_AGMT_DRTN_YR_QY	NUMBER	2	0	-	-	-	100.00%	-
Active Service Loss Incentive Begin Eligibility Date	ASLI_BELIG_DT	DATE			-	-	-	24.05%	-
Active Service Loss Incentive Status Code	ASLI_STAT_CD	VARCHAR2	1		-	-	100.00%	0.45%	-
Active Service Loss Incentive Type Code	ASLI_TYP_CD	VARCHAR2	1		-	-	100.00%	0.02%	-
Armed Forces Qualification Test Category Code	AFQT_CAT_CD	VARCHAR2	2		-	-	100.00%	81.51%	-
Armed Forces Qualification Test Percentile Score Quantity	AFQT_PCTL_SCR_QY	NUMBER	2	0	-	-	100.00%	-	-
Assigned Base Facility Identifier	ASG_BASE_FAC_ID	VARCHAR2	8		-	-	80.22%	80.22%	-
Assigned Unit Identification Code	ASG_UIC	VARCHAR2	8		-	-	-	100.00%	-
Assigned Unit Location Country Code	ASG_UNT_LOC_CTRY_CD	VARCHAR2	2		-	-	99.56%	99.01%	-
Assigned Unit Location Postal Region Zip Code	ASG_UNT_LOC_PR_ZIP_CD	VARCHAR2	5		-	-	-	100.00%	-
Assigned Unit Location Postal Region Zip Extension Code	ASG_UNT_LOC_PR_ZIPX_CD	VARCHAR2	4		-	-	-	100.00%	-
Assigned Unit Location US State Code	ASG_UNT_LOC_US_ST_CD	VARCHAR2	2		-	-	100.00%	88.25%	-
Assigned Unit Location US State Congressional District 2 Code	ASG_UNT_LOC_US_ST_CNGDST_CD_2	VARCHAR2	4		-	-	-	-	-
Assigned Unit Location US State Congressional District 3 Code	ASG_UNT_LOC_US_ST_CNGDST_CD_3	VARCHAR2	4		-	-	-	-	-
Assigned Unit Location US State Congressional District 4 Code	ASG_UNT_LOC_US_ST_CNGDST_CD_4	VARCHAR2	4		-	-	-	-	-

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Person Data Environment (PDE)

DataCatalog - Windows Internet Explorer

https://pde.army.mil/SitePages/DataCatalog.aspx

Data Element Details

Entity: Active Duty Military Personnel Master -- PDE (V2) (MASTER_AD_PDE_2)

Element Business Name	Person Sex Code	Effective Date	-
Element System Name	PN_SEX_CD	End Date	-
Type	CHAR	Snapshot Date	3/31/2013
Size	1		
Precision	Not Applicable		

Domain Description
(Sex Code) The code for the set of biological traits that identify a person as male or female.

Element Description
The data is received monthly from data feeds and operator based applications. The data is used in conjunction with other identifying information to uniquely identify a person.

Usage
-

Quality Metrics
[Completeness](#) 99.99% of Known Values: Sex Code
[Conformance](#) 100.00% of Valid Values: Sex Code
[Conformance](#) 99.99% of Conformance Values: PN_SEX_CD != 'Z'

[Metrics Definitions](#)

Element Domain Values

Value	Description	Effective Date	End Date	Count	Percentage
F	Female			212968	14.83%
M	Male			1222126	85.15%
Z	Unknown/Not Applicable			14	0.00%

Value Range Distribution

Valuefire Trial Edition

Value	Percentage
M, 85.16%	85.16%
F, 14.84%	14.84%
Z, 0%	0%

Start | Internet Explorer | File Explorer | Windows Media Center | Mail | Calendar | Photos | Control Panel | System | Network | Device Manager | Task Manager | Command Prompt | PowerShell | Windows Defender | Windows Firewall | Windows Update | Windows Defender | Windows Firewall | Windows Update | Windows Defender | Windows Firewall | Windows Update

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Thank You!

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