



# NDIA PMSC PARCA EVM Update

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# Overview

- ▶ EVM Update:
  - PARCA EVM Vision
  - Authorities
  - Roles & Responsibilities
  - EVM Website
- ▶ Strategic Plan
- ▶ IPMR Status & Way Forward
- ▶ Competency Review
- ▶ Central Repository:
  - CDRL Reviews
  - Dashboard
  - Data Quality Reviews



## PARCA EVM Vision

- ▶ Earned Value Management (EVM) is a management tool that is fully embraced by the DoD acquisition community.
  
- ▶ Guiding Principles:
  - Increase the quality and utility of EVM data.
  - Increase the use of EVM across the acquisition chain.
  - Acquisition professionals have the necessary knowledge & skills to utilize EVM in their professions.
  - Reduce the administrative and economic burden of inefficient implementation of Earned Value Management Systems (EVMS).
  - Ensure constructive communication amongst the acquisition community to include industry and Government.



# EVM Authorities Memo – 10 Aug 2011

## ■ Policy

- Develop, publish, and maintain DoD policy and guidance on EVM.
- Issue Resolution including represent the Department in resolving differences with other Federal agencies.
- Communicate with industry on EVM policy.

## ■ Central Repository

- Maintain Earned Value Central Repository (CR) for the Department.
- CR data alignment with the AV framework.
- EVM Plan / RFP Review.
- Report to AT&L on EVM data quality & compliance.

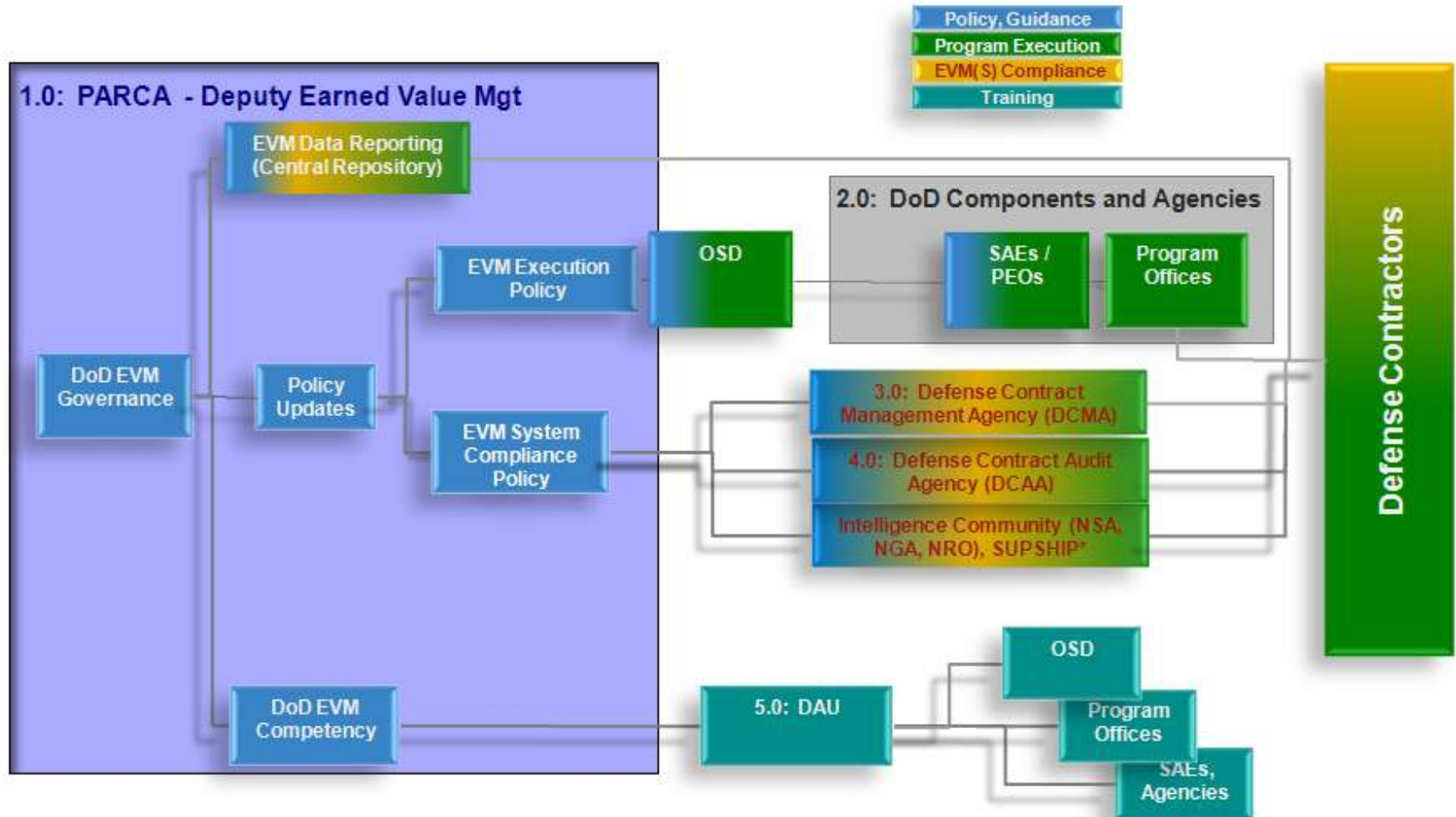
## ■ Competency

- Serve as EVM Functional Lead.
- Support other OSD Defense Acquisition Workforce Improvement Act Functional Leads with EVM expertise to influence the competency requirements for Earned Value within their respective functional areas.
- Coordinate with DAU to execute the responsibilities outlined in DoDI 5000.66.





# EVM Policy Roles and Responsibilities



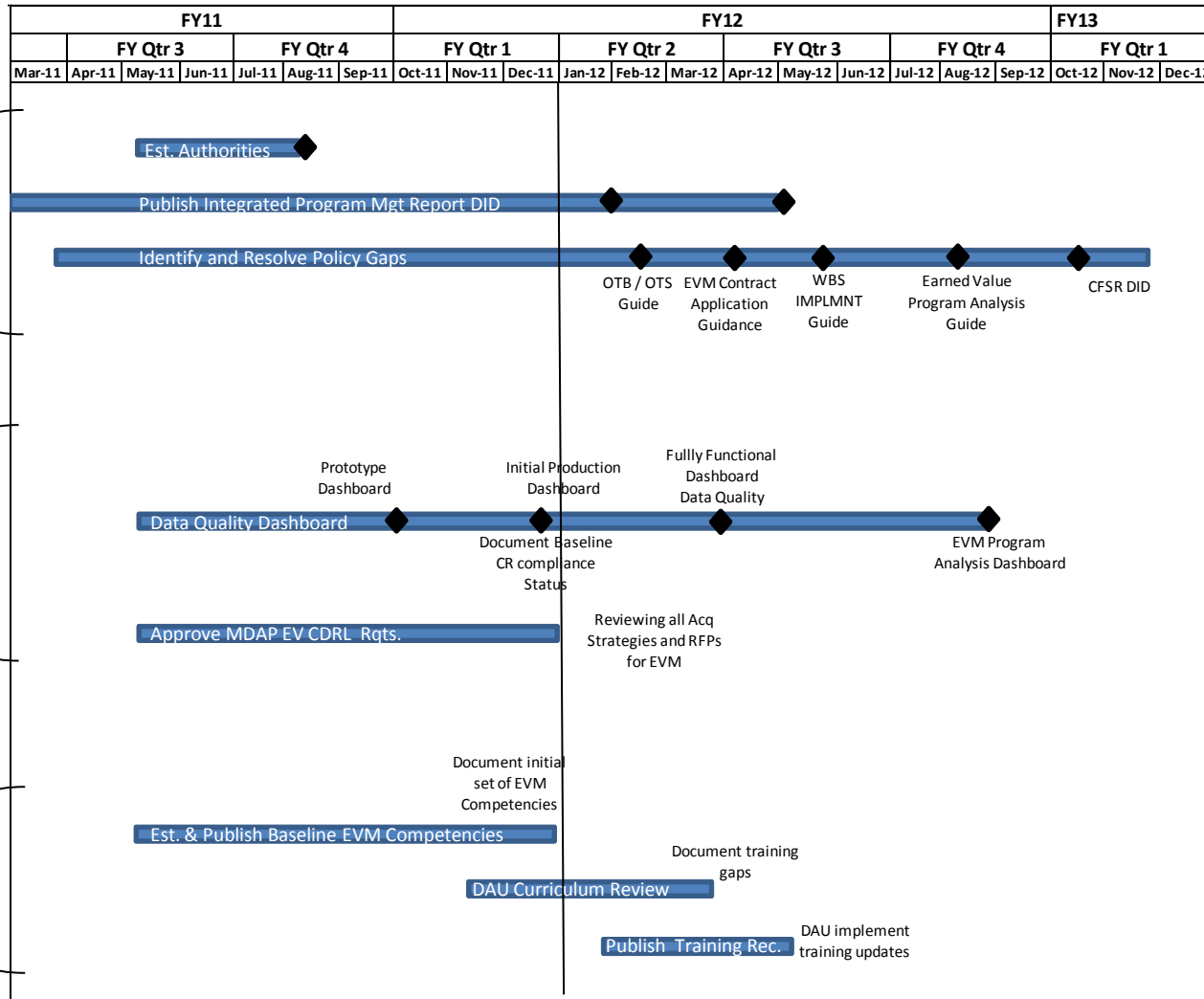


## PARCA EVM Initiatives

- Policy Gap Analysis
- Central Repository Data Quality Dashboard
- EVM Data Requirements Approval
- EVM Competency Evaluation
- Integrated Program Management Report DID



# PARCA Strategic Plan

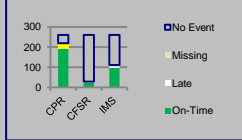


Conflicting and inconsistent policy and guidance



Policy

Missing and Inconsistent Earned Value Data

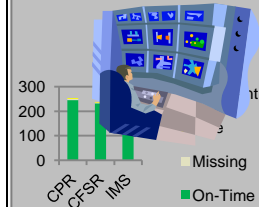


EVM CR

Consistent Integrated Policy and Guidance



EVM – CR is single authoritative source of EVM data for DoD



Plans in place to provide for certified EVM practitioners across the acquisition career fields





# Policy Gap Analysis

## ▶ Policy

### – FARS, DFARS

- No required changes for EVM
- Potential changes for Access to data for support contractors

## ▶ Instructions

### – DoD 5000.02, DAG, EVMIG

- Updates required to include reform and AT&L initiatives
- Looking at EVMIG restructure

## ▶ Supporting Guidance

- OTB/OTS Guide, WBS Guidance, Cost Analysis Guidance, EVM program analysis guidance
- Industry guides

NDIA Intent Guide

PASAEG





# CR Delivery Completeness Categories

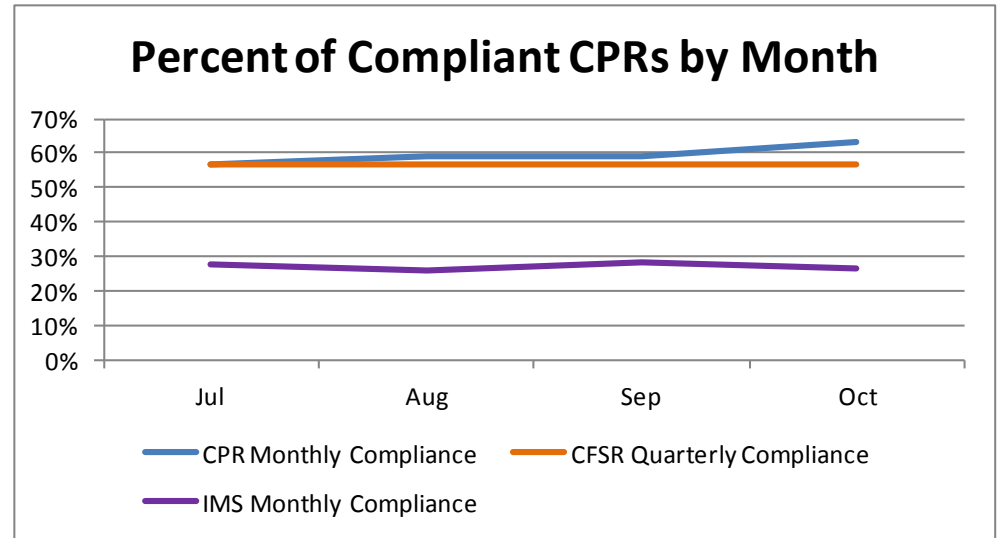
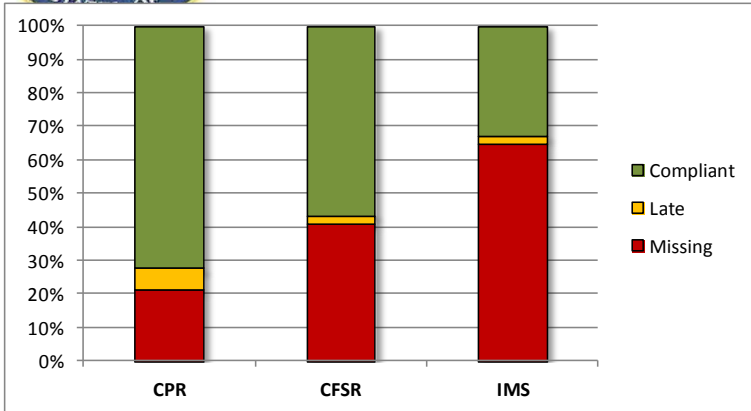
► Categories of Completeness:

	<i>Status Description</i>	<i>Owner</i>
Compliant	<b>1 Pending (No Data):</b> Data is expected but not delivered and not late	KTR
	<b>2 Submitting status:</b> Data is submitted to the CR; in 10 day review cycle	PM
	<b>3 Submitted on time:</b> Data correct and received on or before due date	KTR
Late	<b>4 Submitted Late:</b> Data delivered but not on time	KTR
Non-Compliant	<b>5 Not required/Event Not Defined:</b> Data submission not required or submission event not setup by the Program Office to be received*	PM
	<b>6 Rejected-Not resubmitted:</b> Data delivered, not accepted, and not yet resubmitted	PM
	<b>7 No submission received :</b> Data is missing	KTR

*\* By rule, the Program Office has to setup an "event" for a deliverable to be submitted. If an event is not defined, it is mostly unknown if the event is missing, if reporting has stopped, or if reporting was waived in total.*

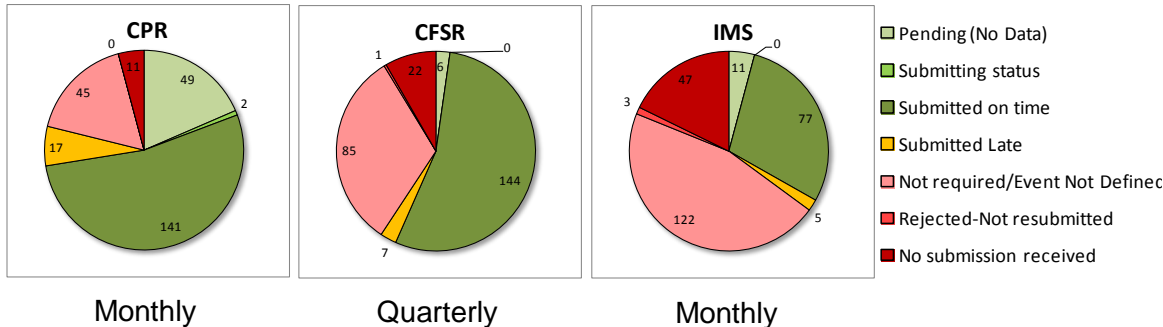


# Oct 2011 Data as of 1<sup>st</sup> Week of Dec 2011



	CPR	CFSR	IMS
Compliant	192	150	88
Late	17	7	5
Missing	56	108	172
<b>Total</b>	<b>265</b>	<b>265</b>	<b>265</b>

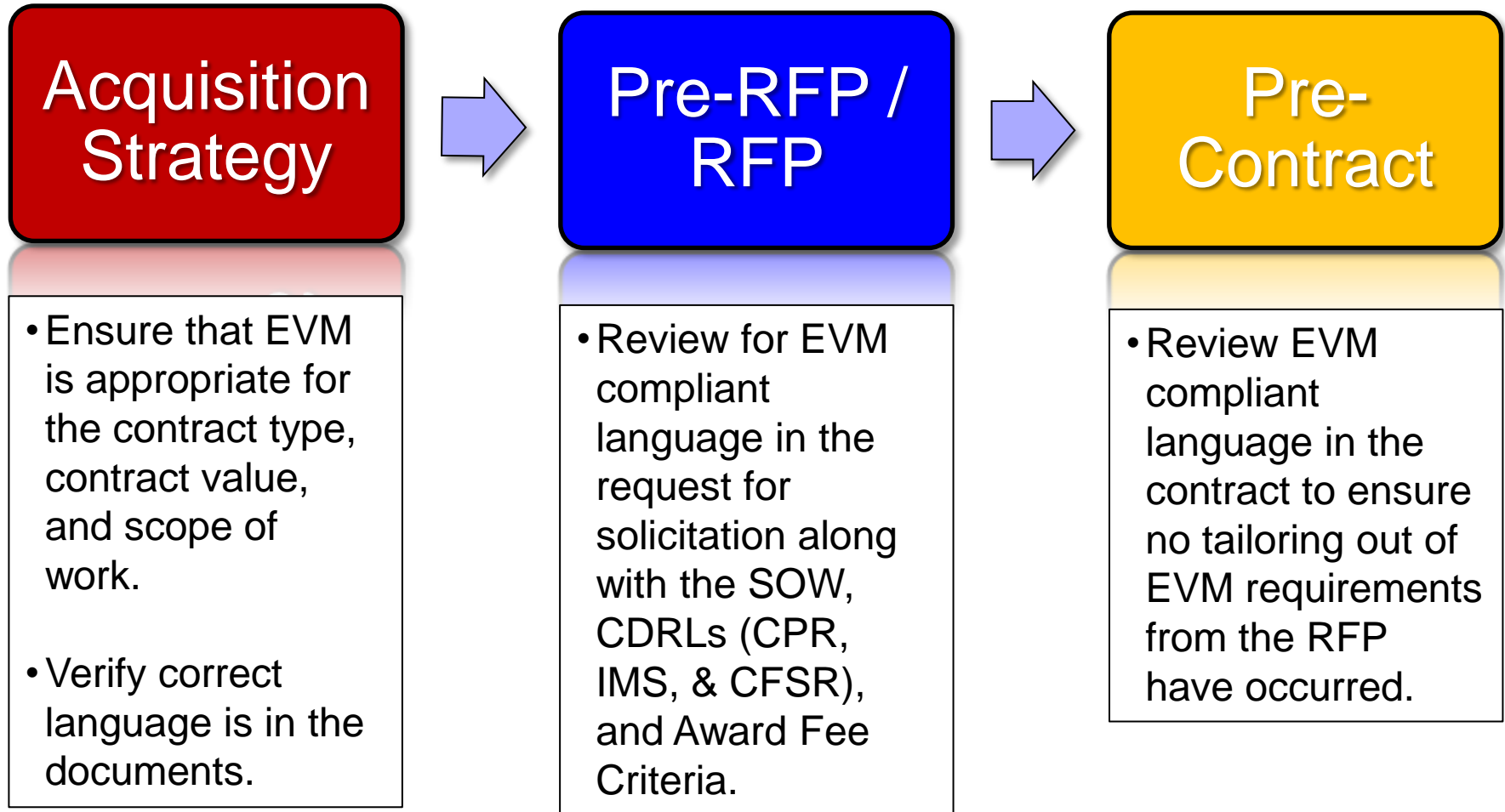
## EVM System Compliance



- **Approved:** ## Systems
- **Reviewed in last 12 months by DCMA:** ## Systems
- **CAR count:** ## KTRs with level 3 CAR



# EVM Data Requirements Pre-Award EVM Review





# Baseline EVM Competency Model

Index	Category	Summary	Competency	Career Field		Functional Role	EVM Task
				Career	Y/N		
3.b	Analysis & Management Reports	SPI & CPI	Understands, develops, and analyzes Cost Variance (CV), Schedule Variance (SV), Cost Performance Index (CPI), Schedule Performance Index (SPI) and percent complete.	PM	Y	Use EVM analysis for SA, to find issues, status resolution and understand risk.	Identify program cost drivers, analyzes variance causes and conduct root cause and impact assessments. Derive corrective action plans.
				BFM	Y	Conduct EVM analysis and report risk areas. Ensure program forecast is consistent with EV trends and status.	Identify program cost drivers, analyzes variance causes and conduct root cause and impact assessments. Derive corrective action plans.
				Tech	Y	Utilize Variance Analysis to target troubled areas and conduct Root Cause Analysis to understand impacts to cost and schedule.	Identify program cost drivers, analyzes variance causes and conduct root cause and impact assessments. Derive corrective action plans.
				CON	N		

Index	Category	Summary	Competency	Career	Y/N	Functional Role	EVM Task
3.c	Analysis & Management Reports	Schedule Performance Index (SPI)	Understands, develops, and analyzes Schedule Variance (SV), Schedule Performance Index (SPI) and percent complete.	PM	Y	Use EVM analysis for SA, to find issues, status resolution and understand risk.	Identify program cost drivers, analyzes variance causes and conduct root cause and impact assessments. Derive corrective action plans.
3.d	Analysis & Management Reports	Cost Performance Index (CPI)	Understands, develops, and analyzes Cost Variance (CV), Cost Performance Index (CPI) and percent complete.	PM	Y	Use EVM analysis for SA, to find issues, status resolution and understand risk.	Identify program cost drivers, analyzes variance causes and conduct root cause and impact assessments. Derive corrective action plans.

- Baseline Competency Model developed with a role based approach tailored to DAWIA Career fields.
  - Competencies are organized into categories derived from the 32 Guidelines then assigned to DAWIA career fields; each competency is then mapped to a functional role within a field and basic EVM tasks which support the role.
- When finalized the complete EVM Competency Model will be available as an interactive resource on the PARCA EVM website.
  - Will be linked to training requirements, discussion forums and other resource materials supporting the basic competencies.



# Integrated Cost and Schedule Reporting

- Integrated CPR and IMS DIDs
  - Integrated Program Management Report (IPMR).
- Benefits of IPMR approach
  - Consistent with the intent of the overall EVM integrated approach.
  - Provides emphasis for integrated schedule and cost analysis on the status of program.
  - Facilitates integration of schedule and cost for variance analysis and to forecast future performance.
- Key Milestones
  - 26 Jan: NDIA PMSC and PPSS preliminary feedback (CA)
  - 31 Jan: Feedback cutoff
  - 24 Feb: Submit changes to OSD EVM IPT for approval
  - 2 May: Publish



# PARCA EVM Website (<http://www.acq.osd.mil/evm/>)



Old Website

Updated PARCA EVM Site

## Related Information

- [AT&L Web Site](#)
- [ASD\(A\) Web Site](#)
- [DAU Web Site](#)
- [EVM](#)**
- [Joint Chiefs of Staff](#)
- [Joint Staff J8](#)



## Summary

- ▶ DoD has established a single authoritative focal for EVM across the Department
- ▶ Goal is to significantly improve the use of EVM across the Department as part of the program management decision making process
- ▶ Key initiatives being worked will require entire community to pull together for successful execution
- ▶ We can make a difference